

FIG. 1a

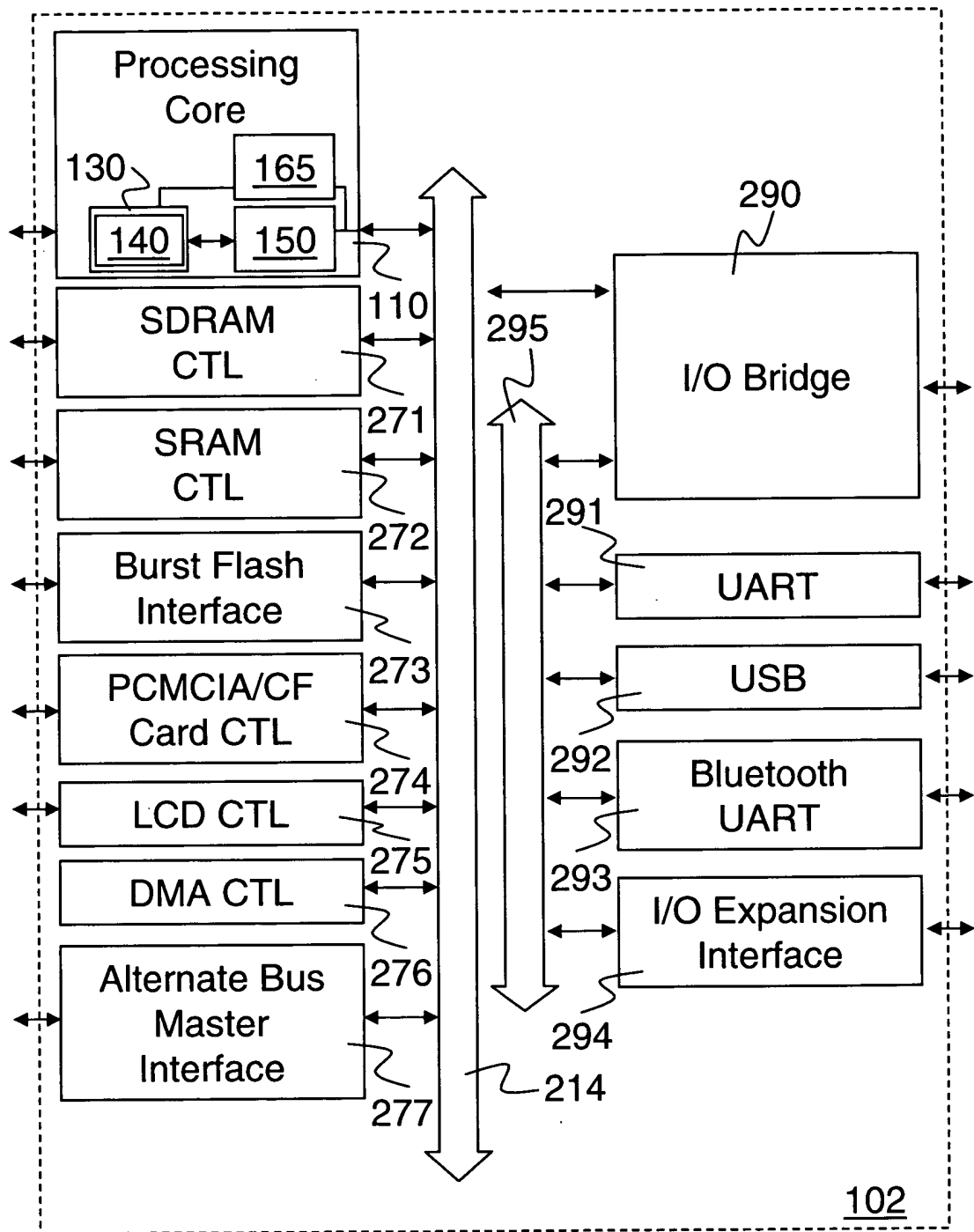


FIG. 1b

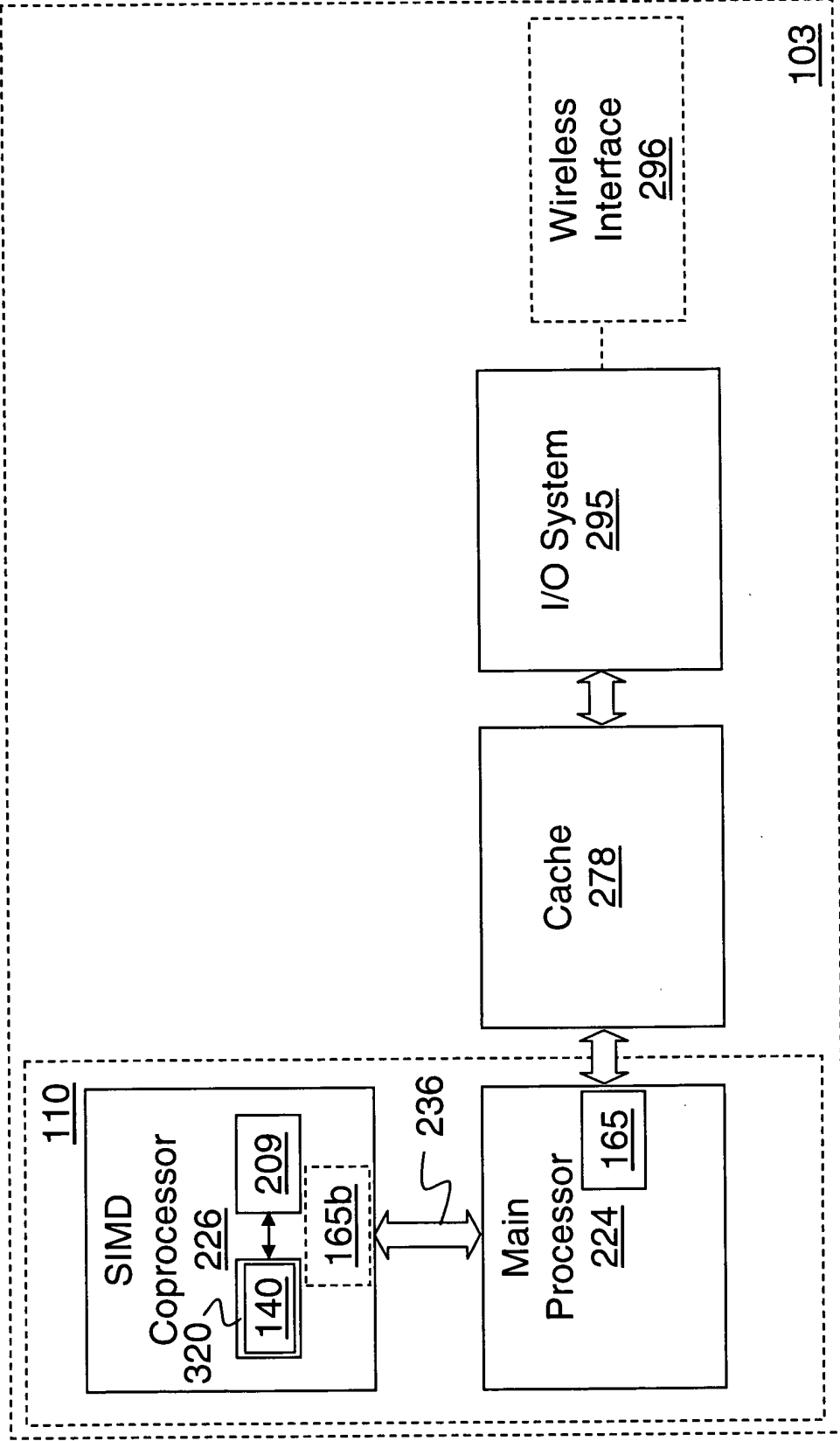


FIG. 1c

FIG. 2a

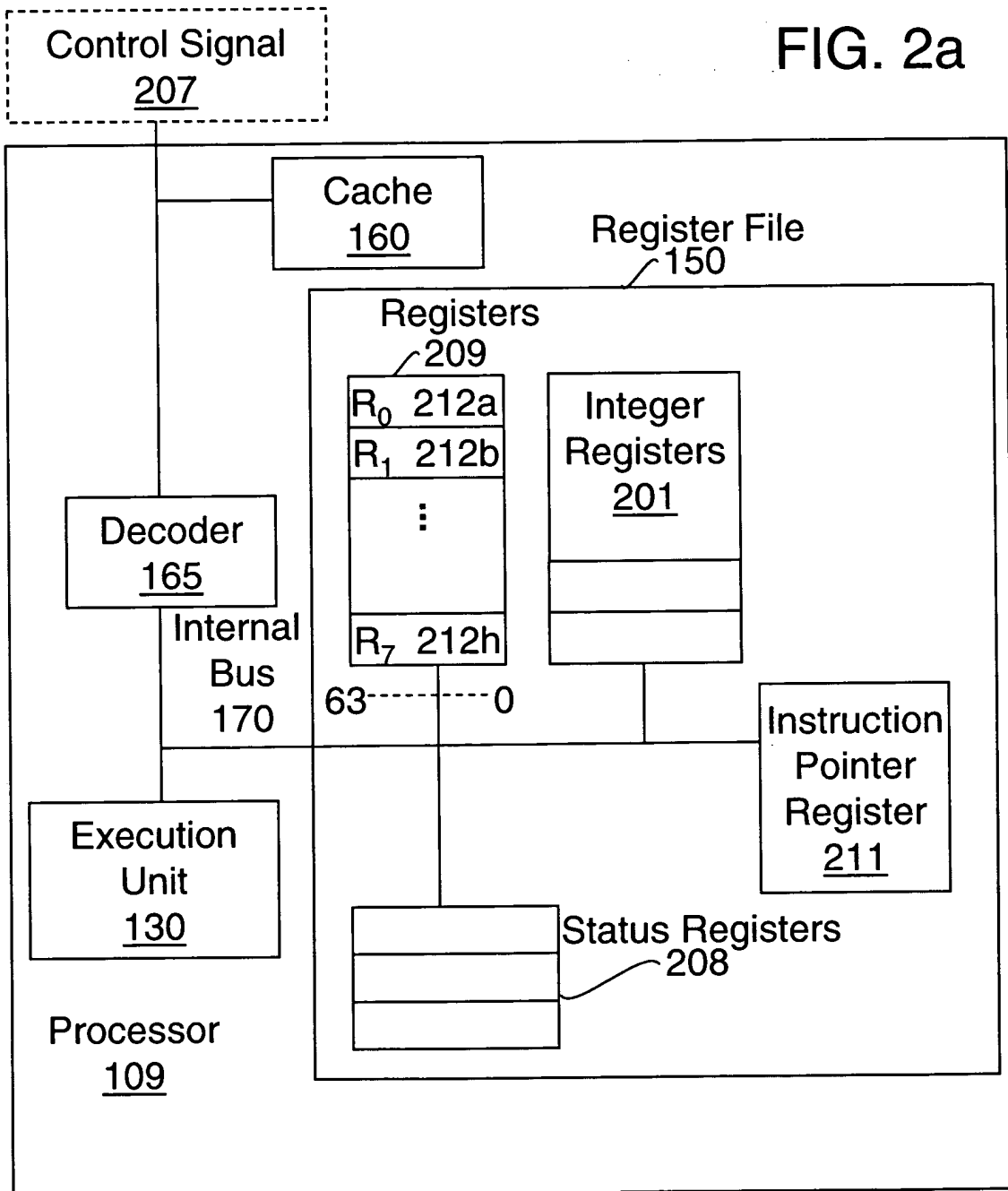


FIG. 2b

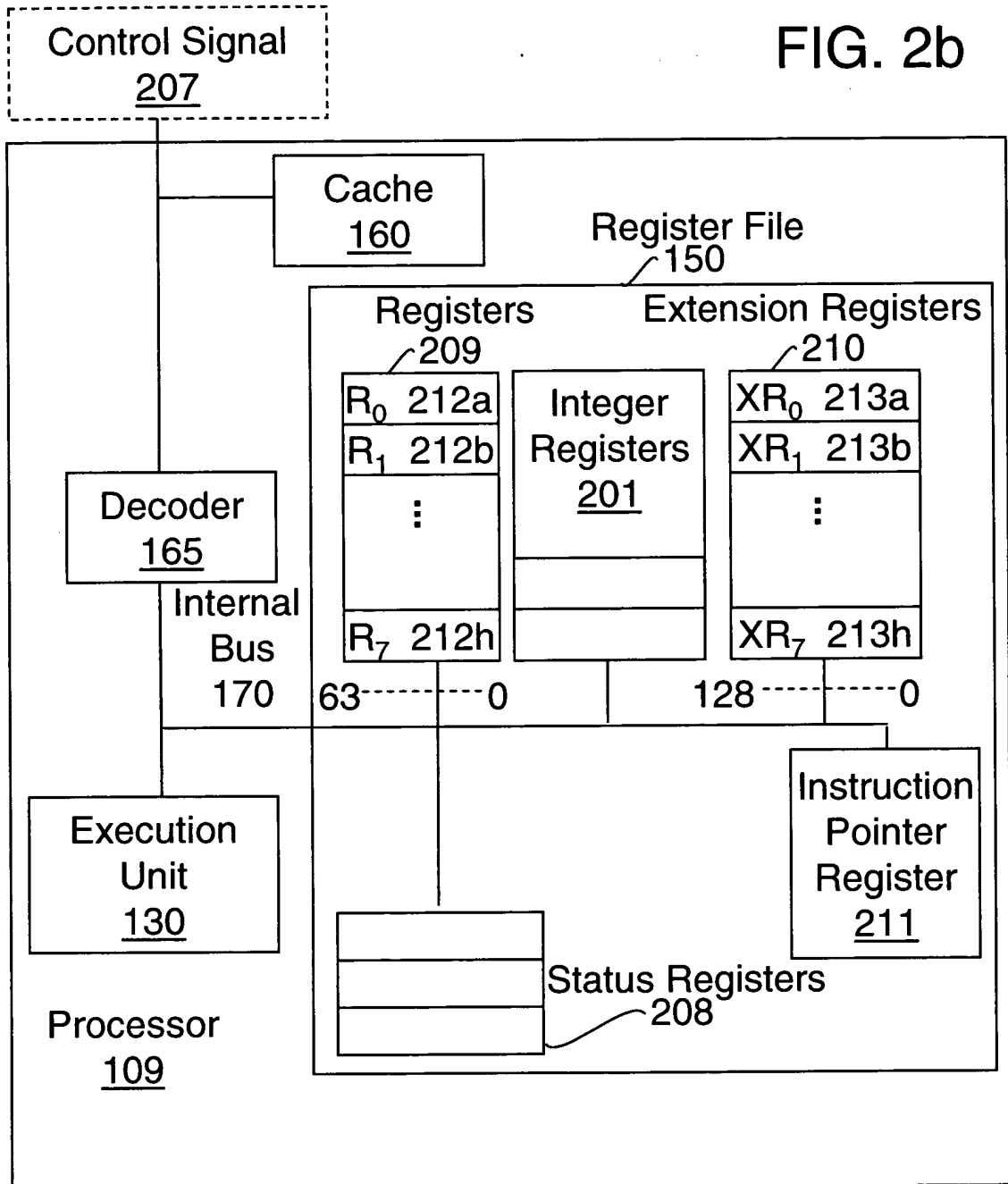
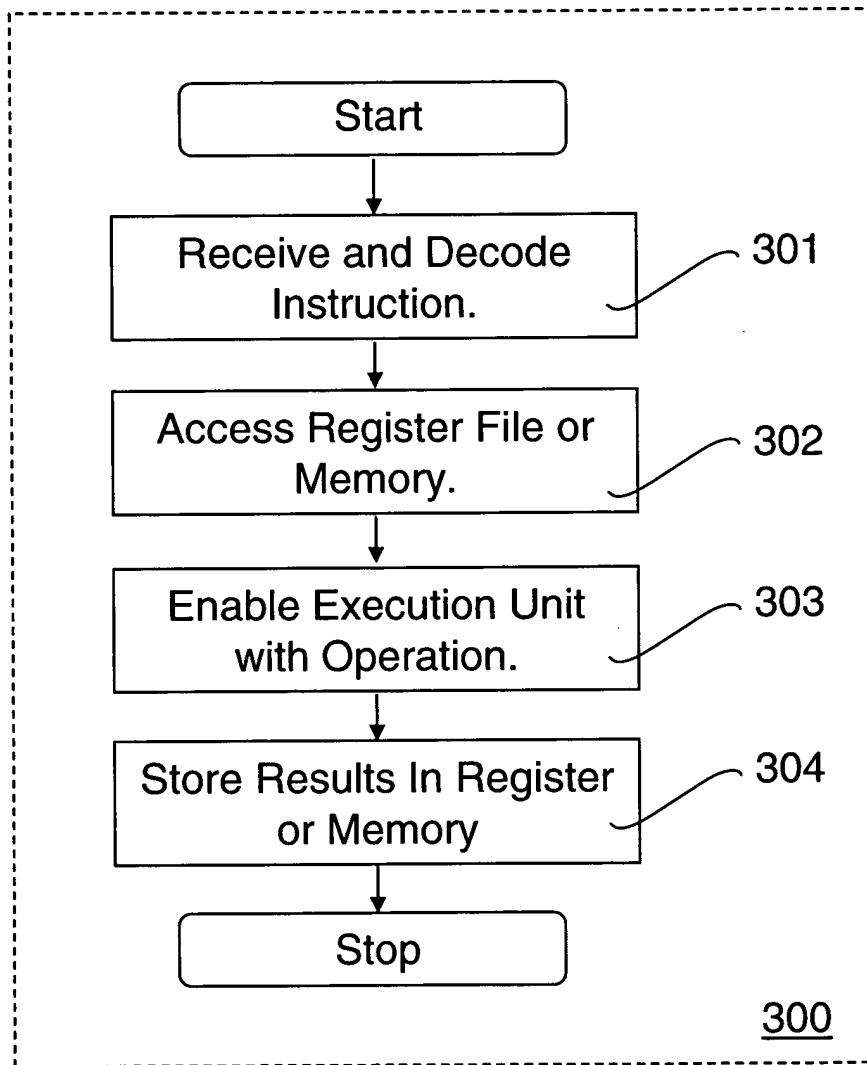


FIG. 3



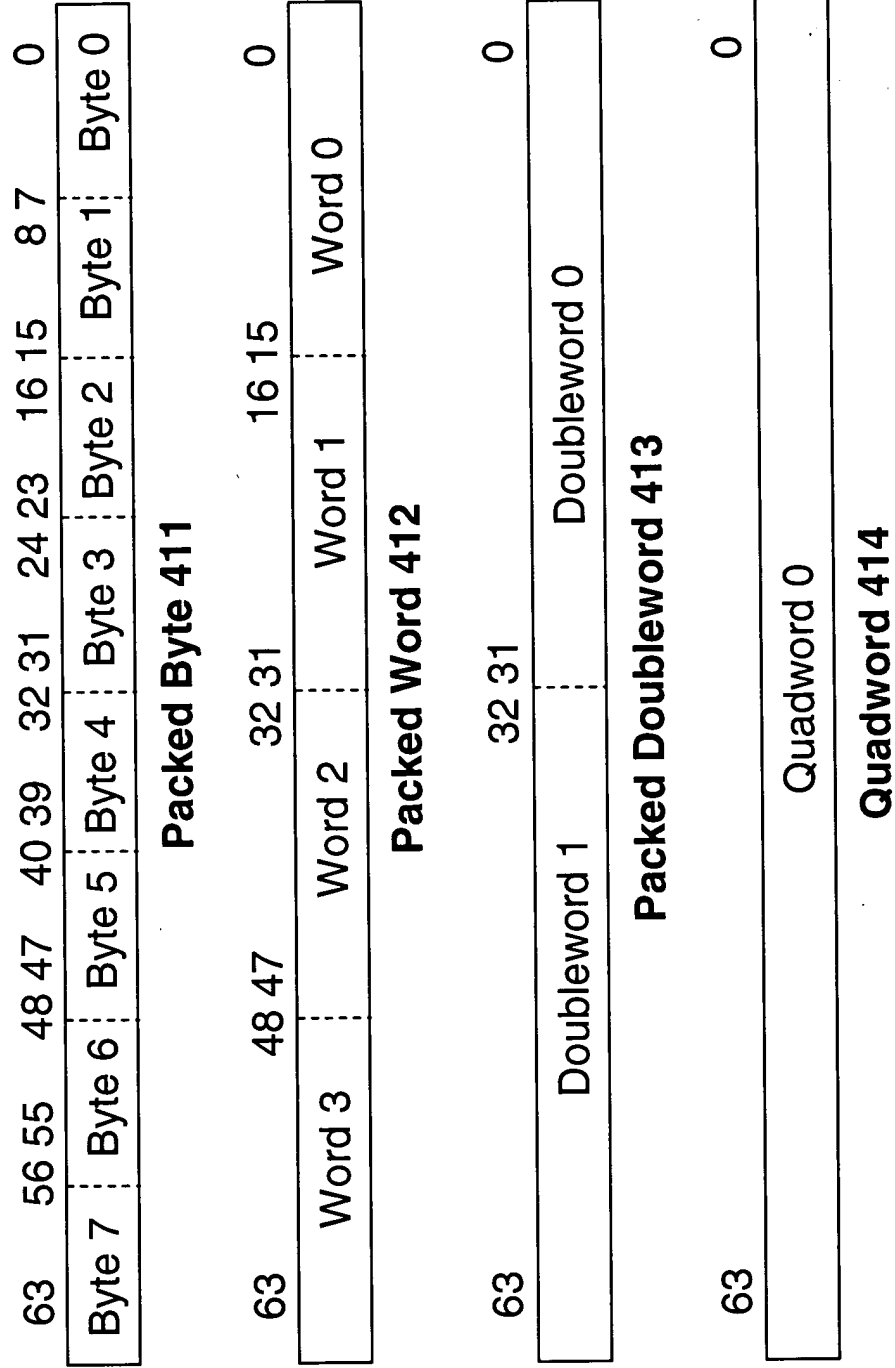


FIG. 4a

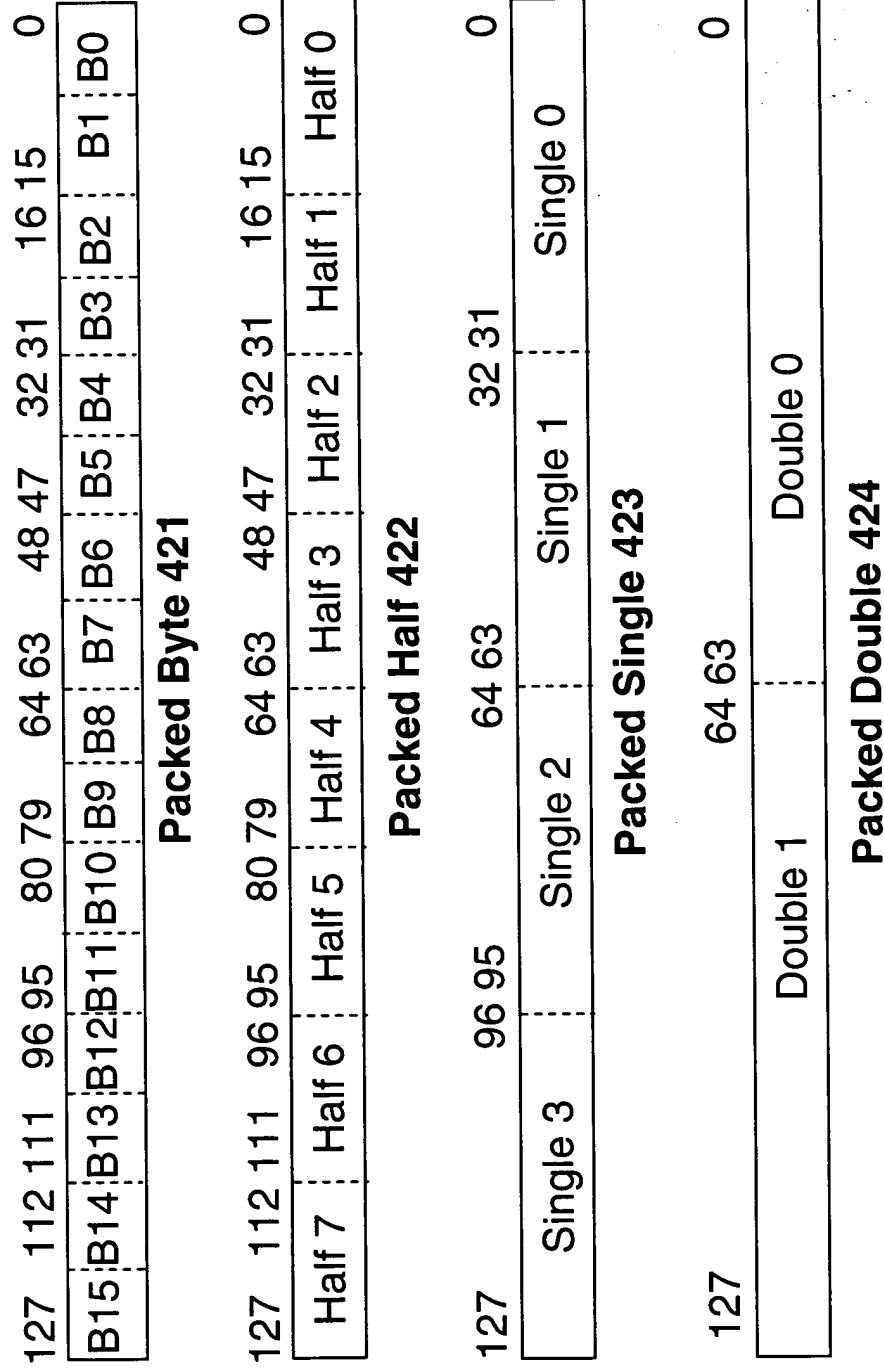


FIG. 4b

63	56 55	48 47	40 39	32 31	24 23	16 15	8 7	0
bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb

Unsigned packed byte in-register representation 510

63	56 55	48 47	40 39	32 31	24 23	16 15	8 7	0
sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb

Signed packed byte in-register representation 511

FIG. 5a

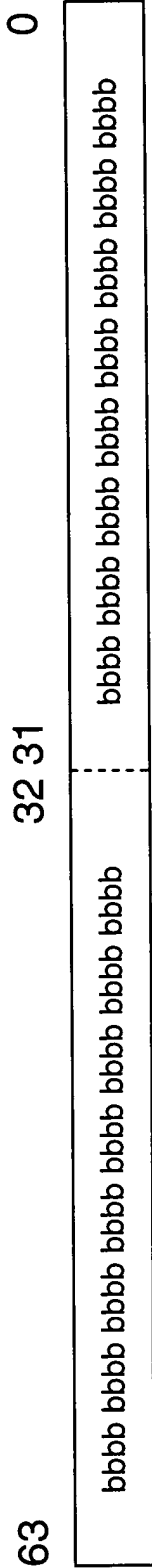
63	48 47	32 31	16 15	0
bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb	bbbb bbbb

Unsigned packed word in-register representation 512

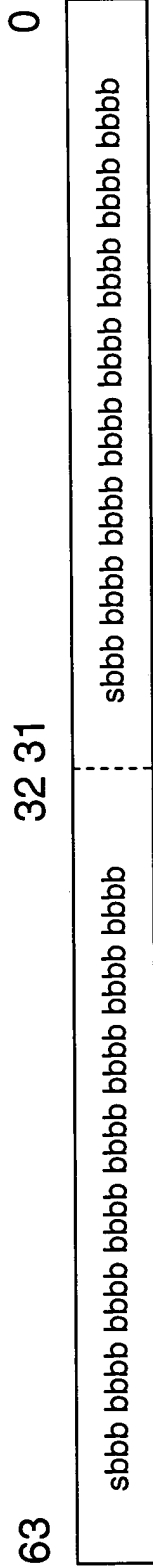
63	48 47	32 31	16 15	0
sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb	sbbb bbbb

Signed packed word in-register representation 513

FIG. 5b

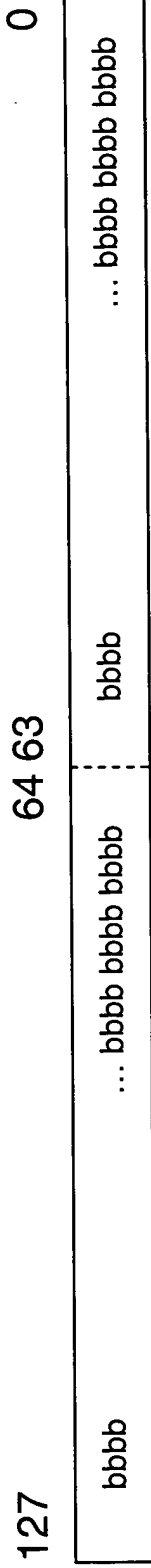


Unsigned packed doubleword in-register representation 514

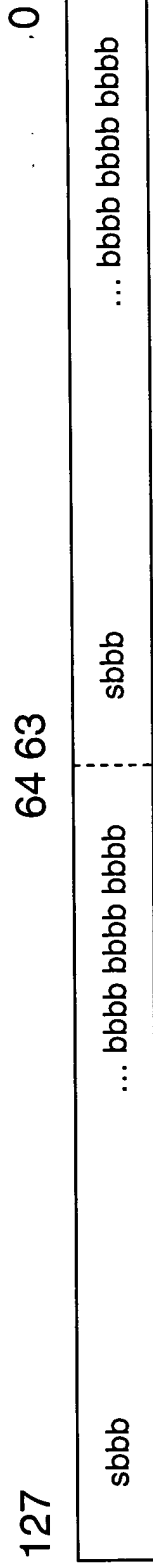


Signed packed doubleword in-register representation 515

FIG. 5c



Unsigned packed quadword in-register representation 516



Signed packed quadword in-register representation 517

FIG. 5d

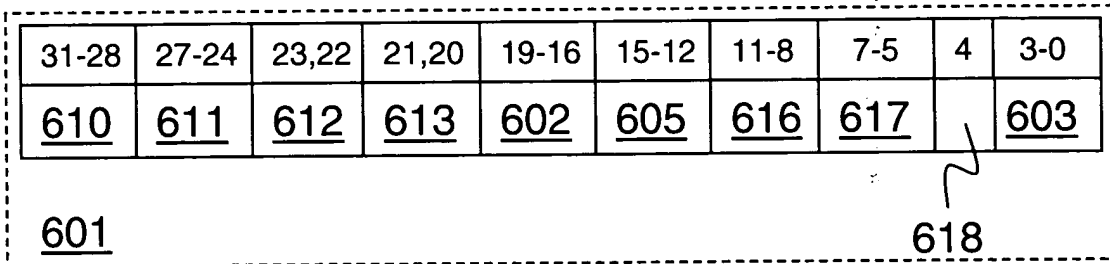


FIG. 6a

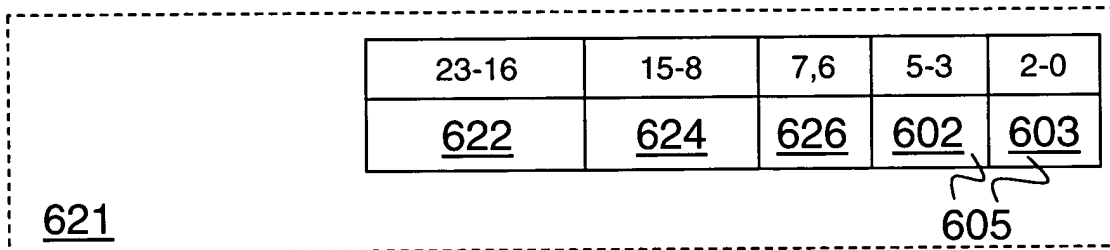


FIG. 6b

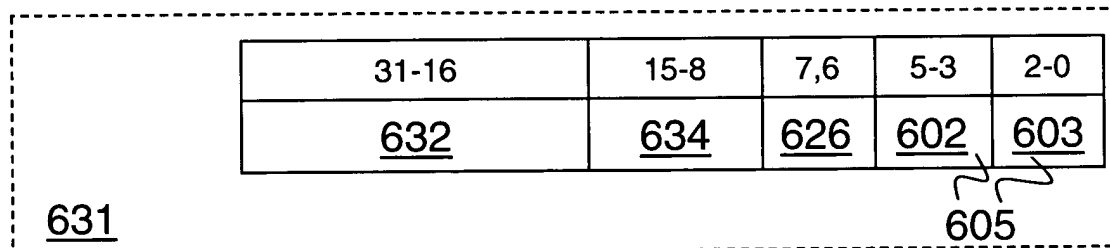


FIG. 6c

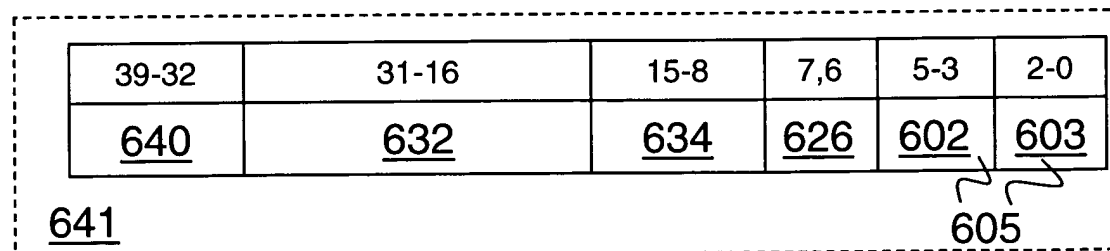


FIG. 6d

FIG. 7a

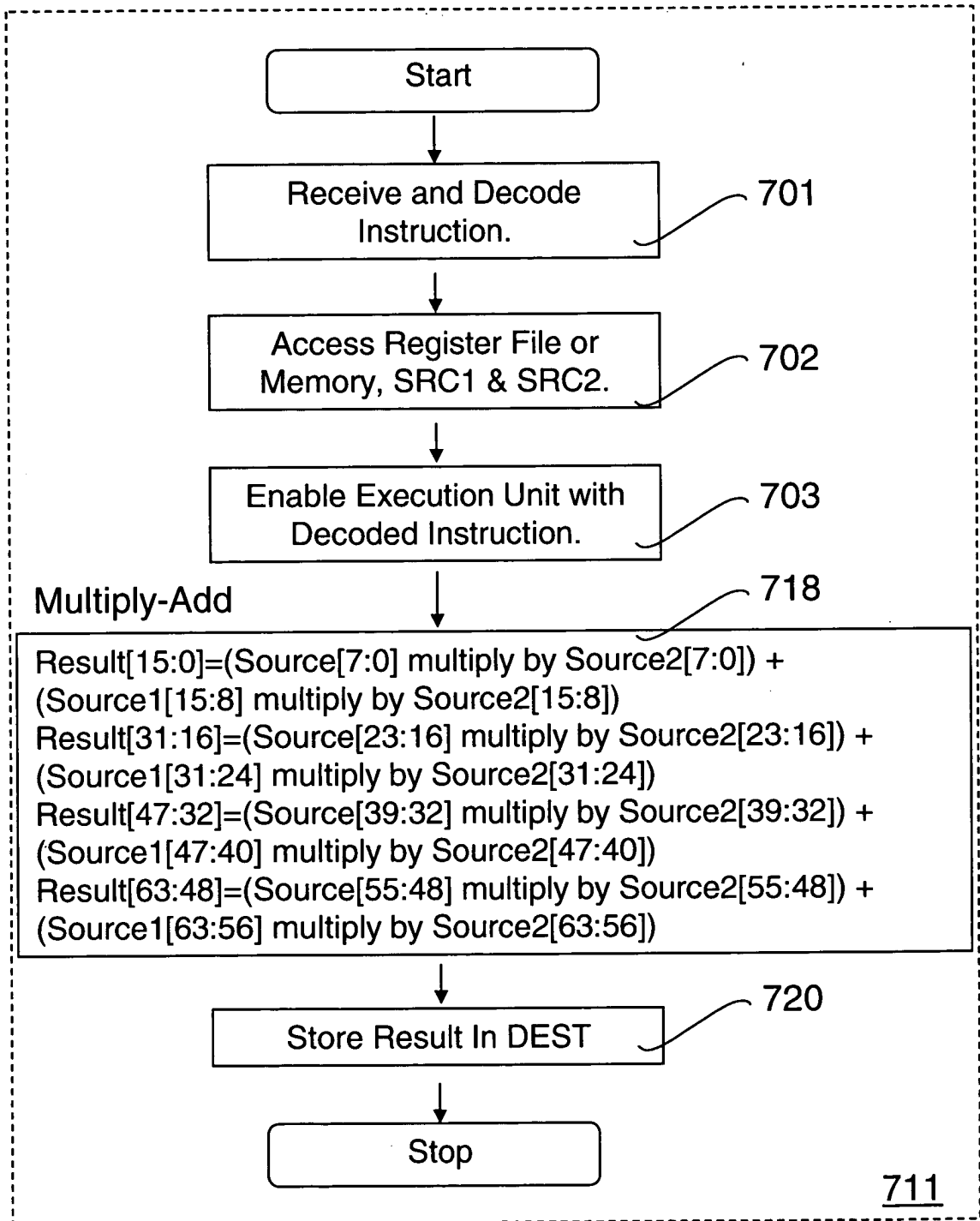
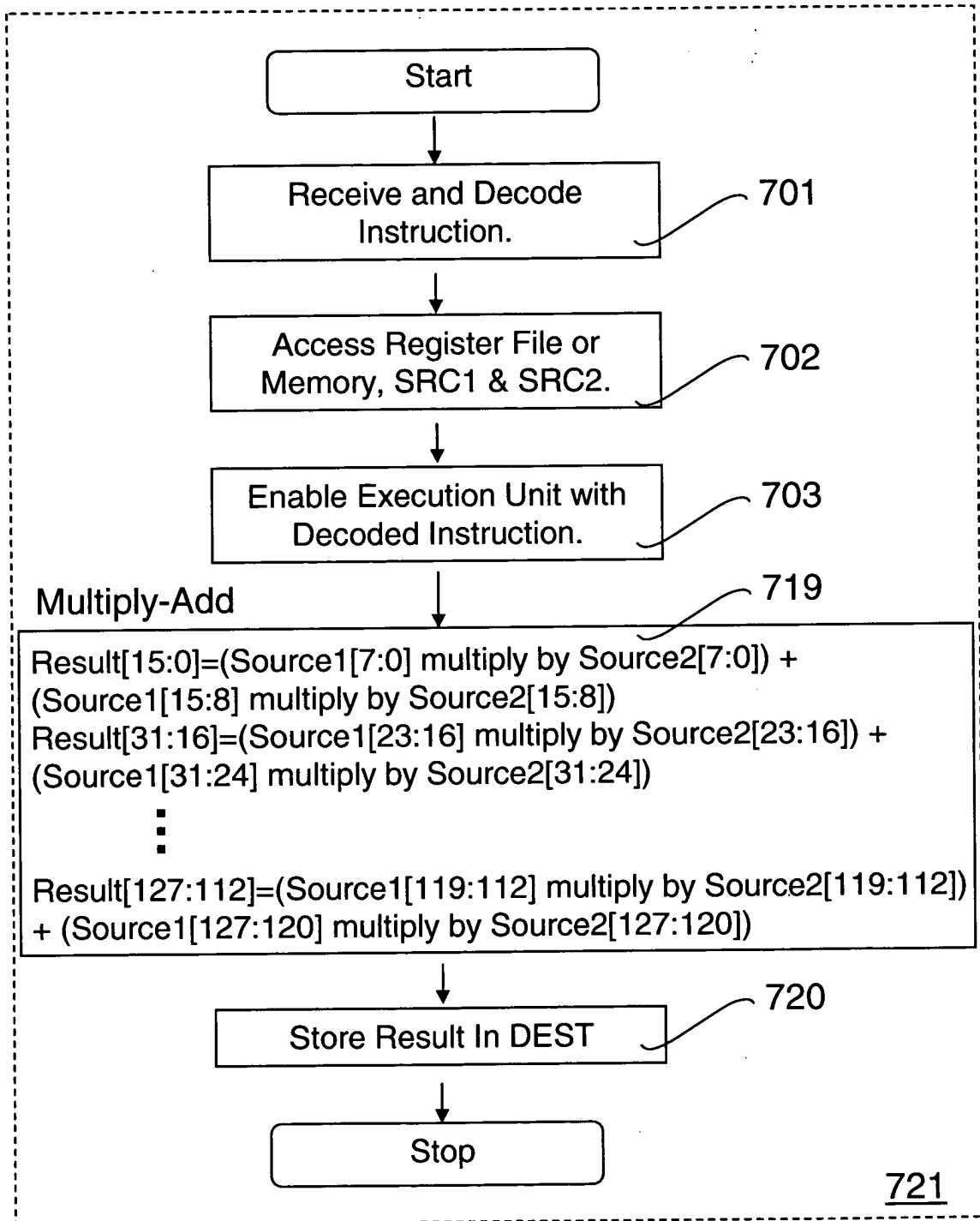


FIG. 7b



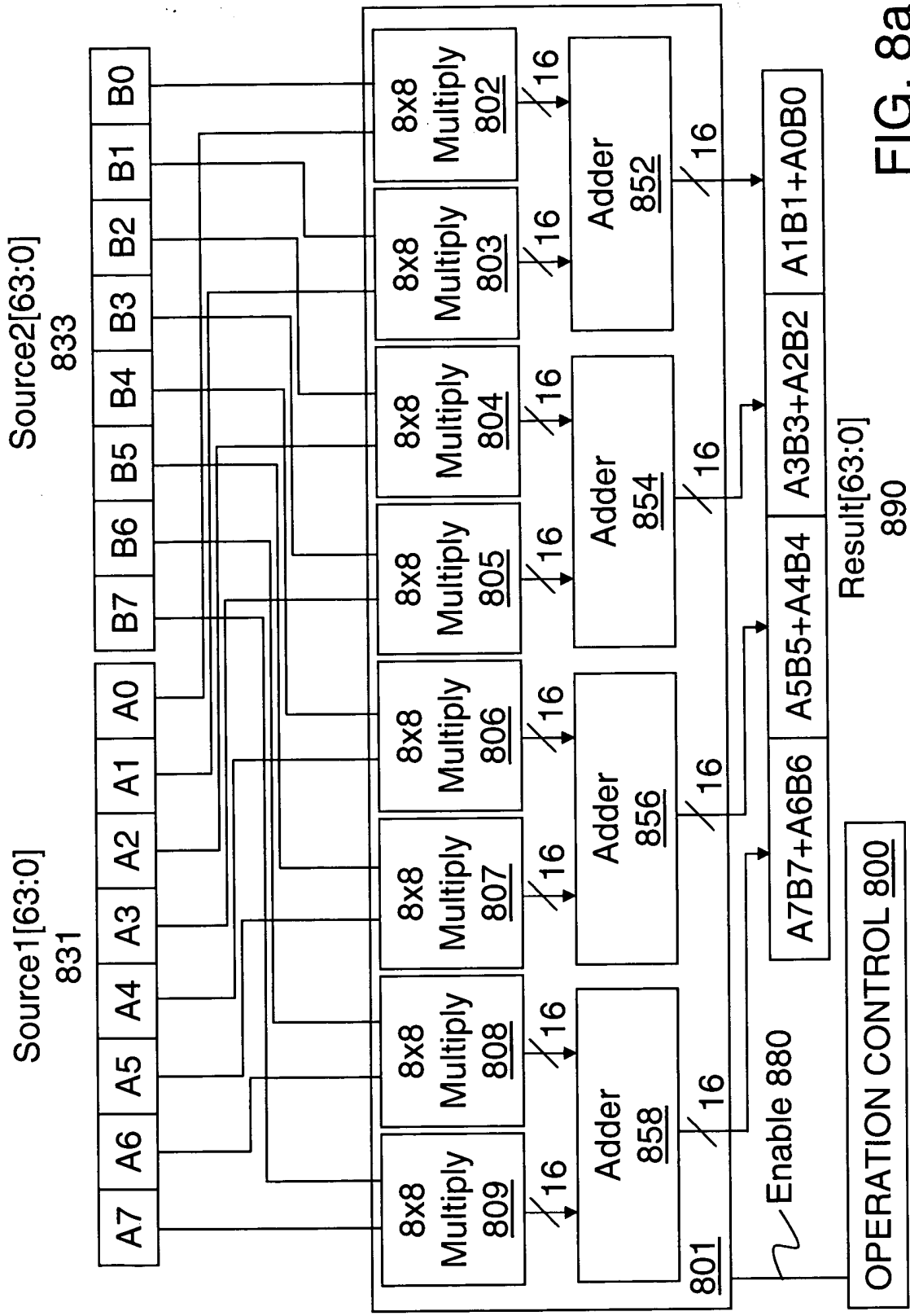


FIG. 8a

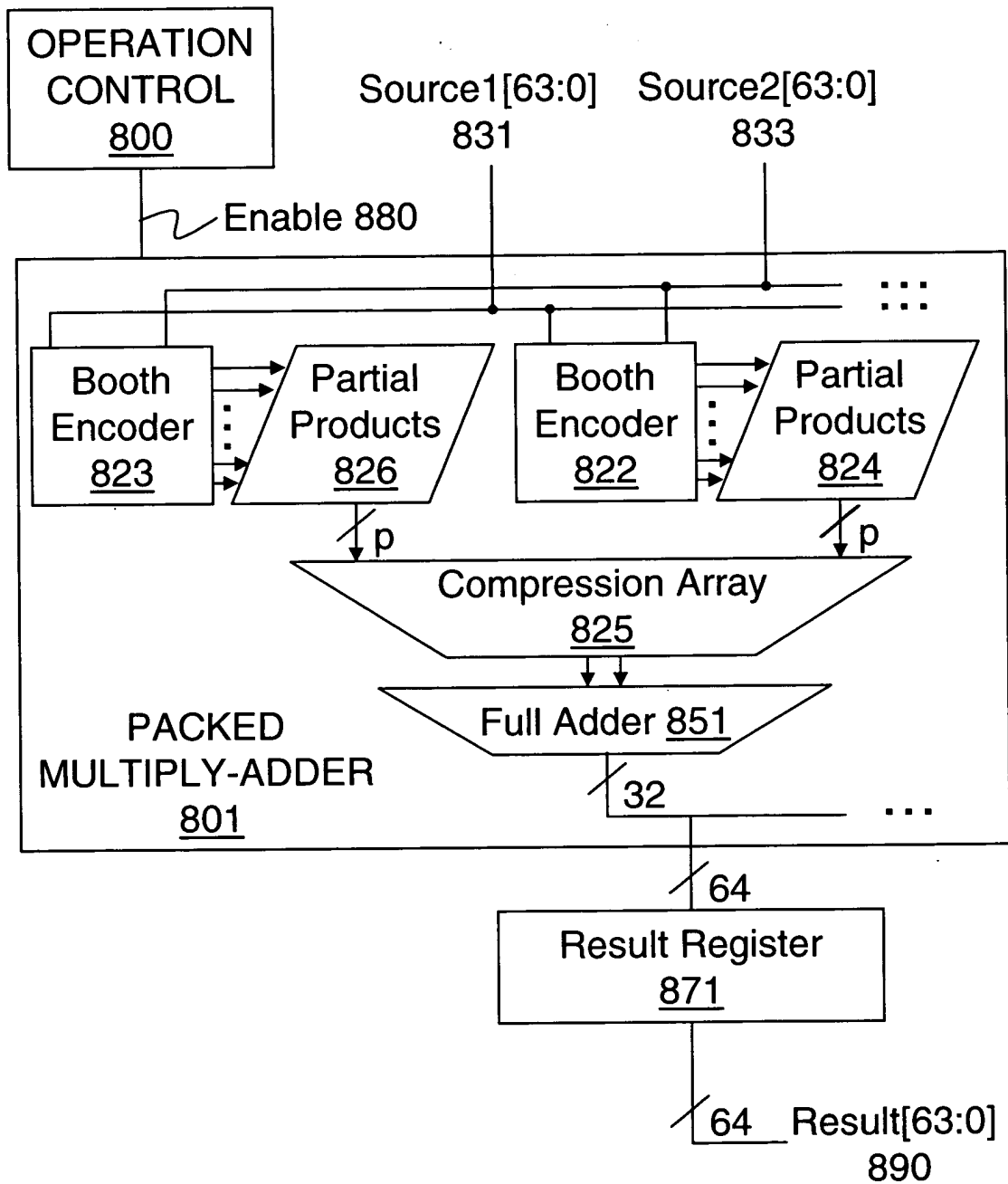


FIG. 8b

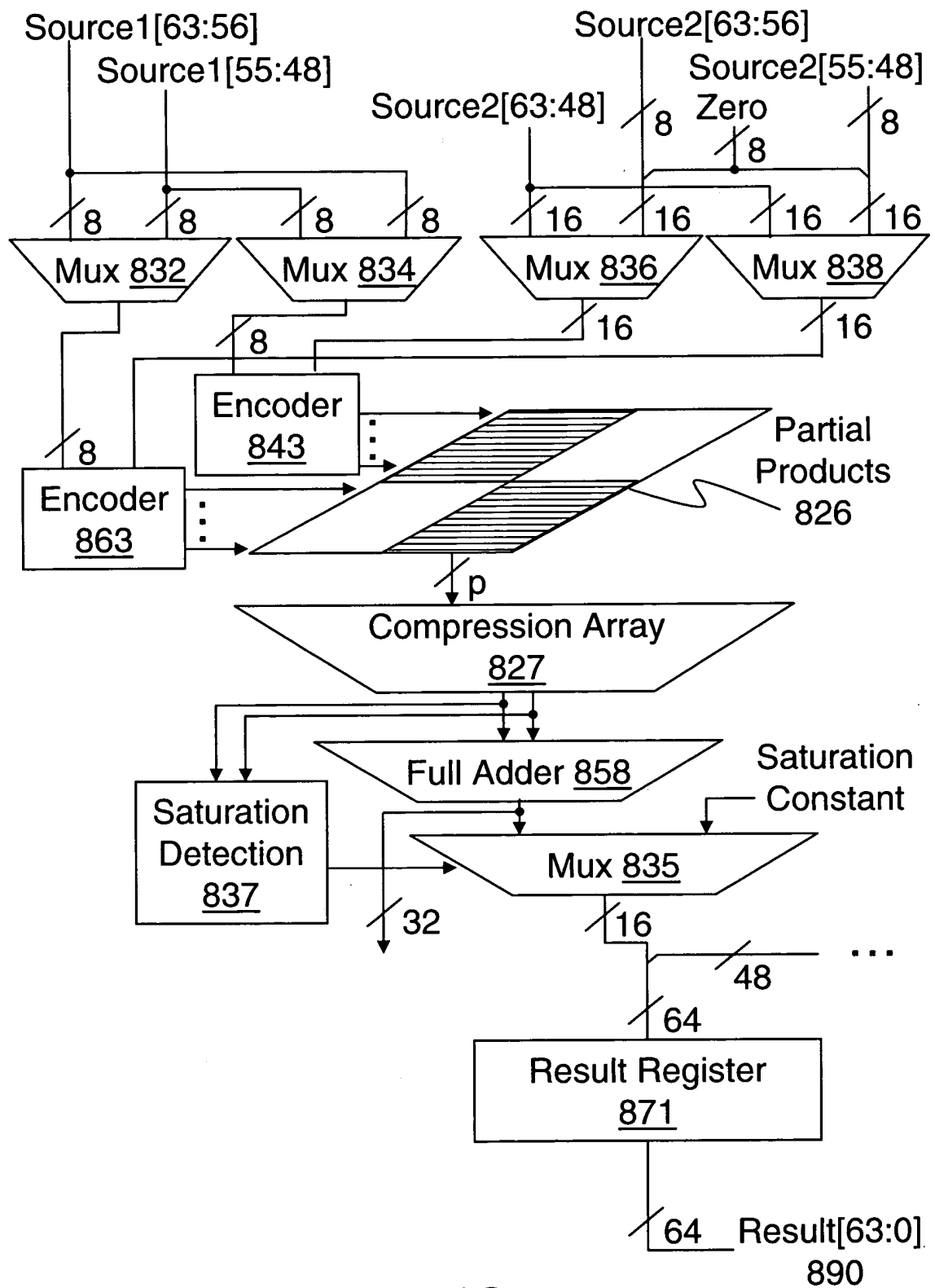


FIG. 8c

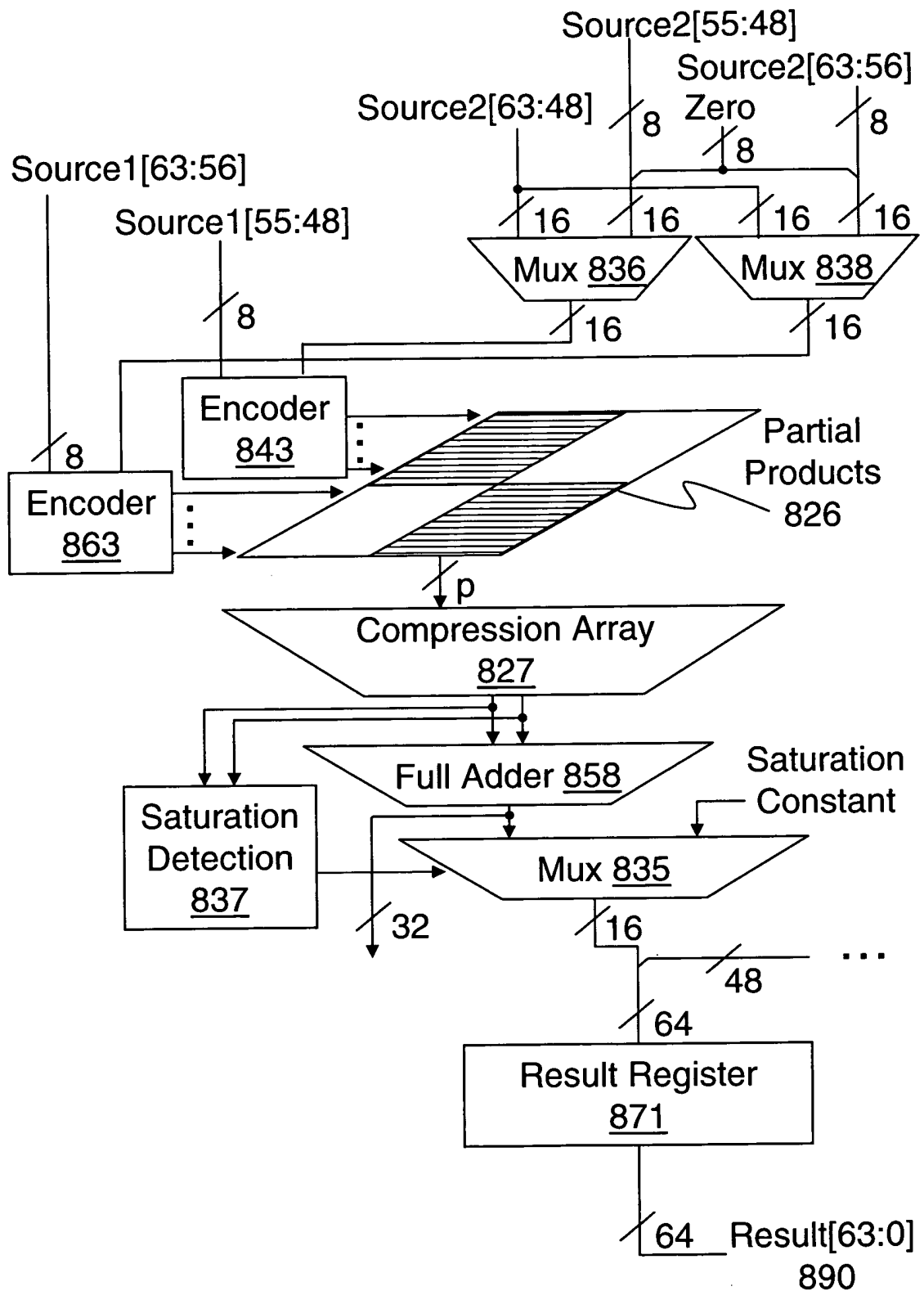


FIG. 8d

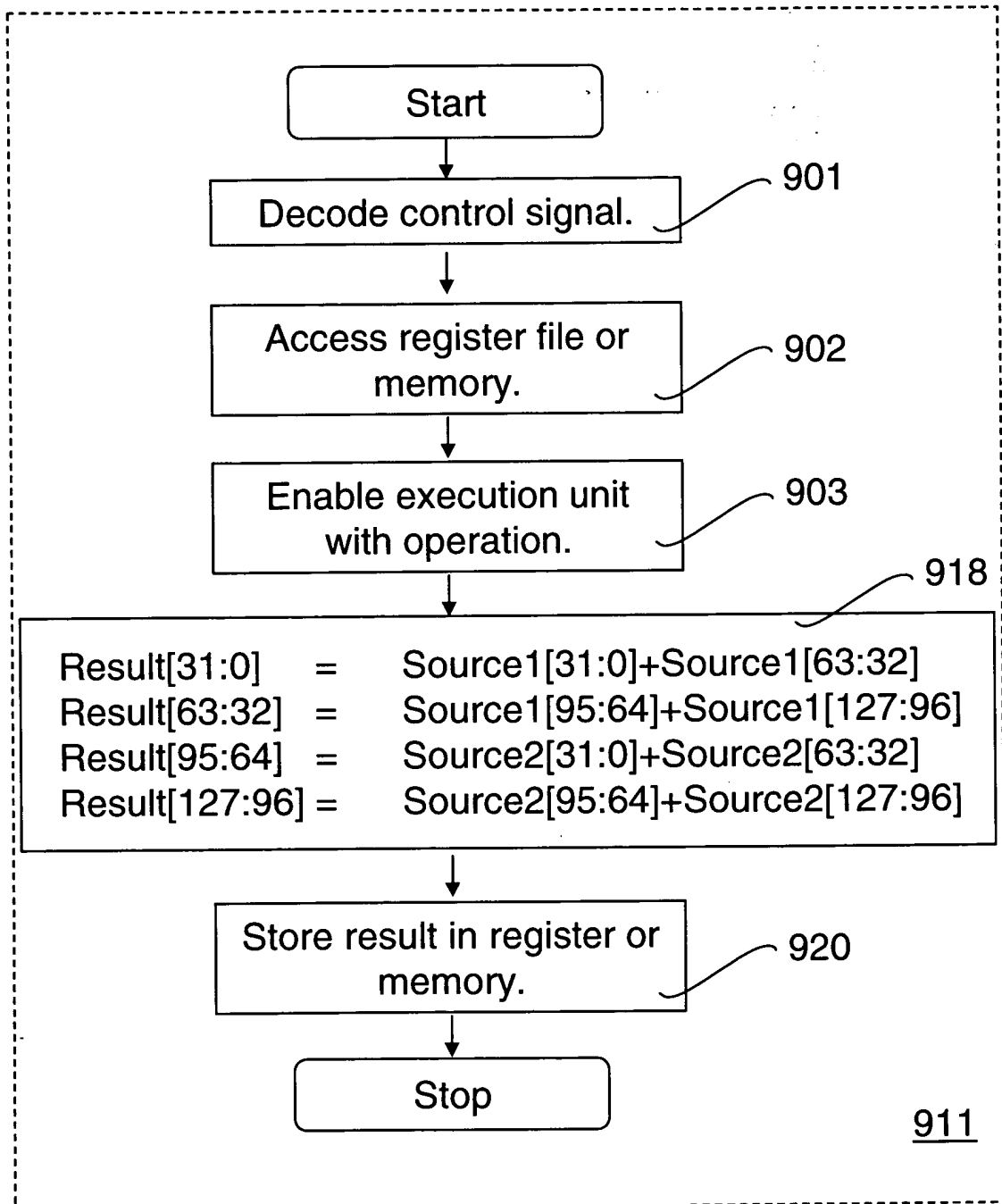


FIG. 9a

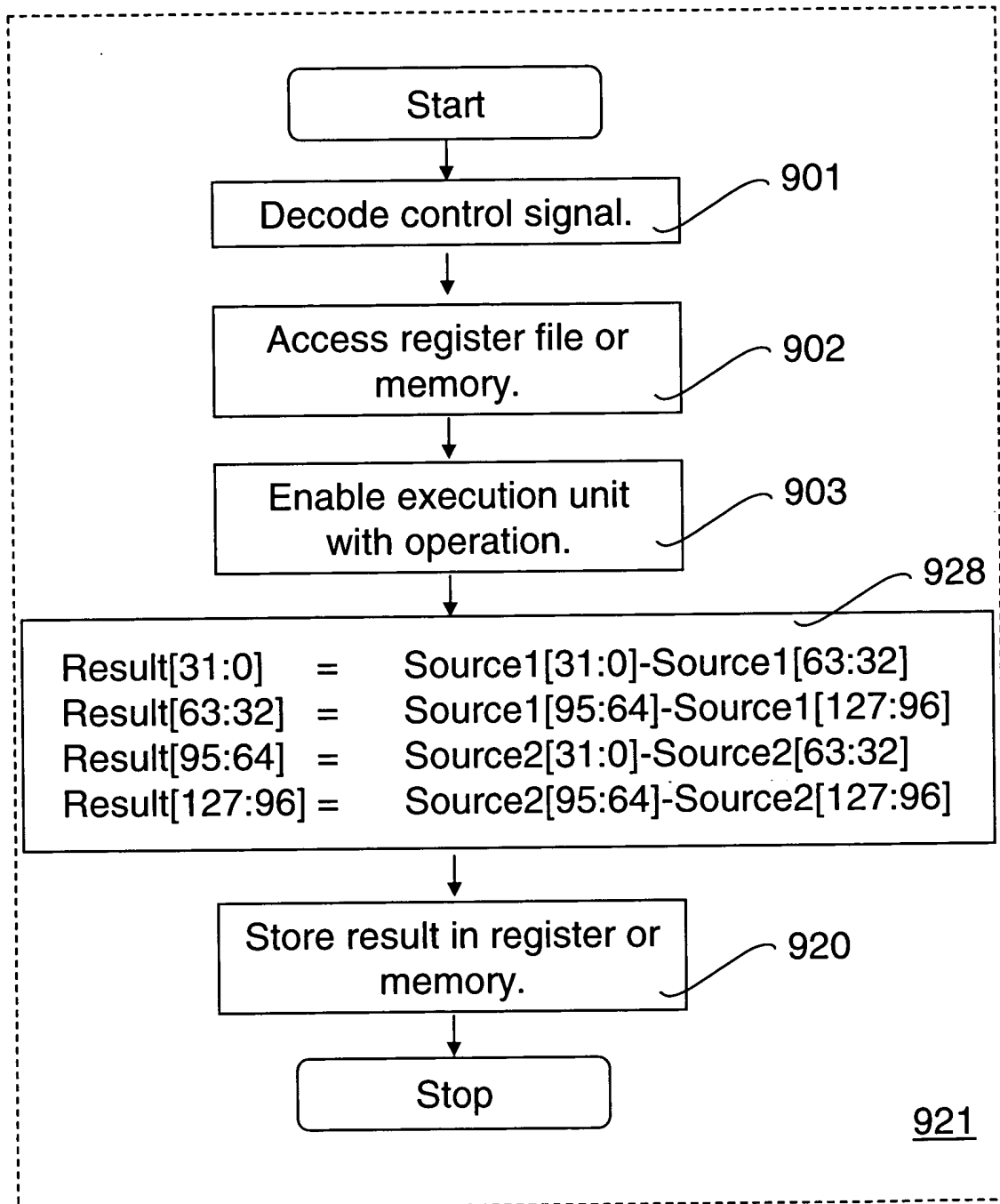


FIG. 9b

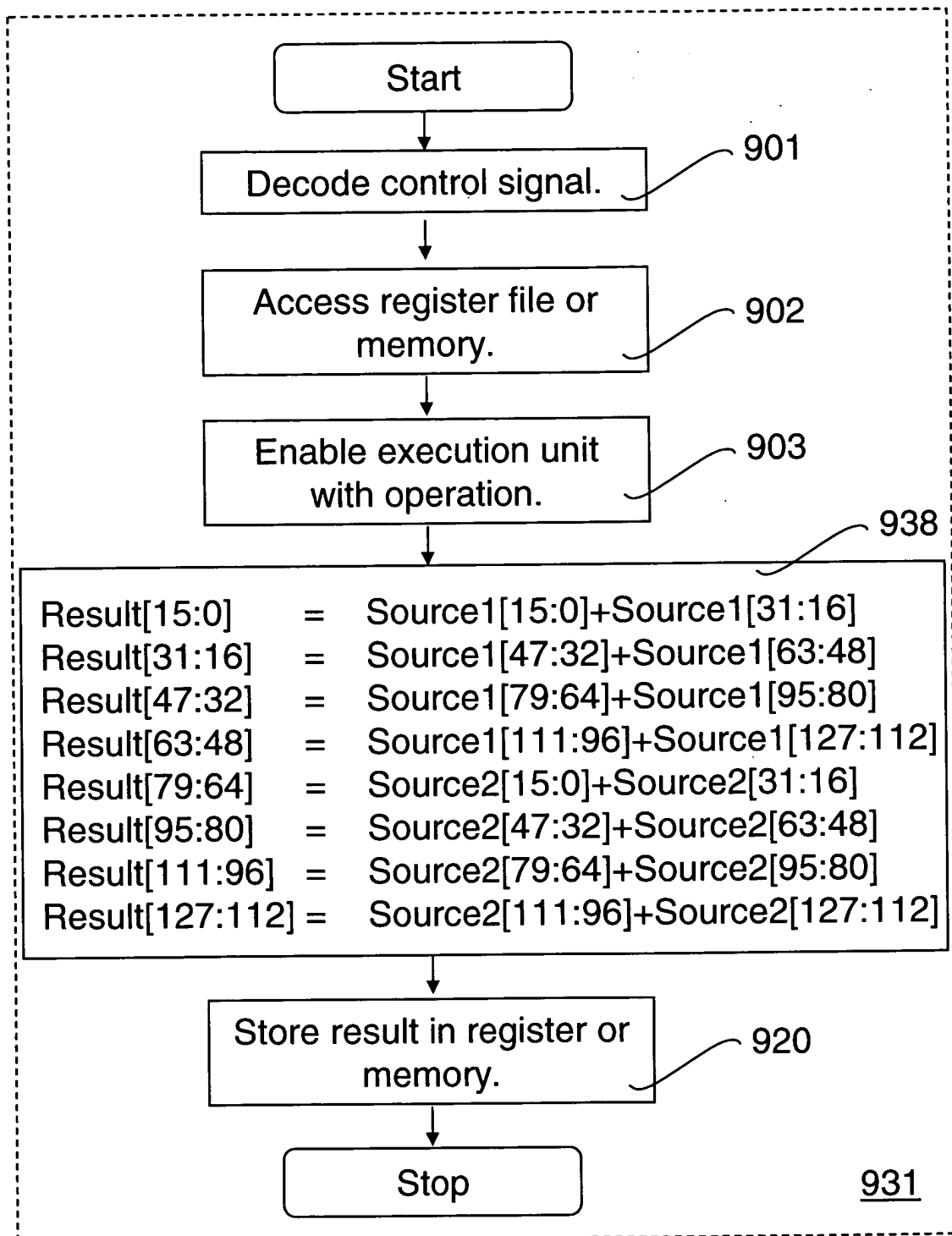


FIG. 9c

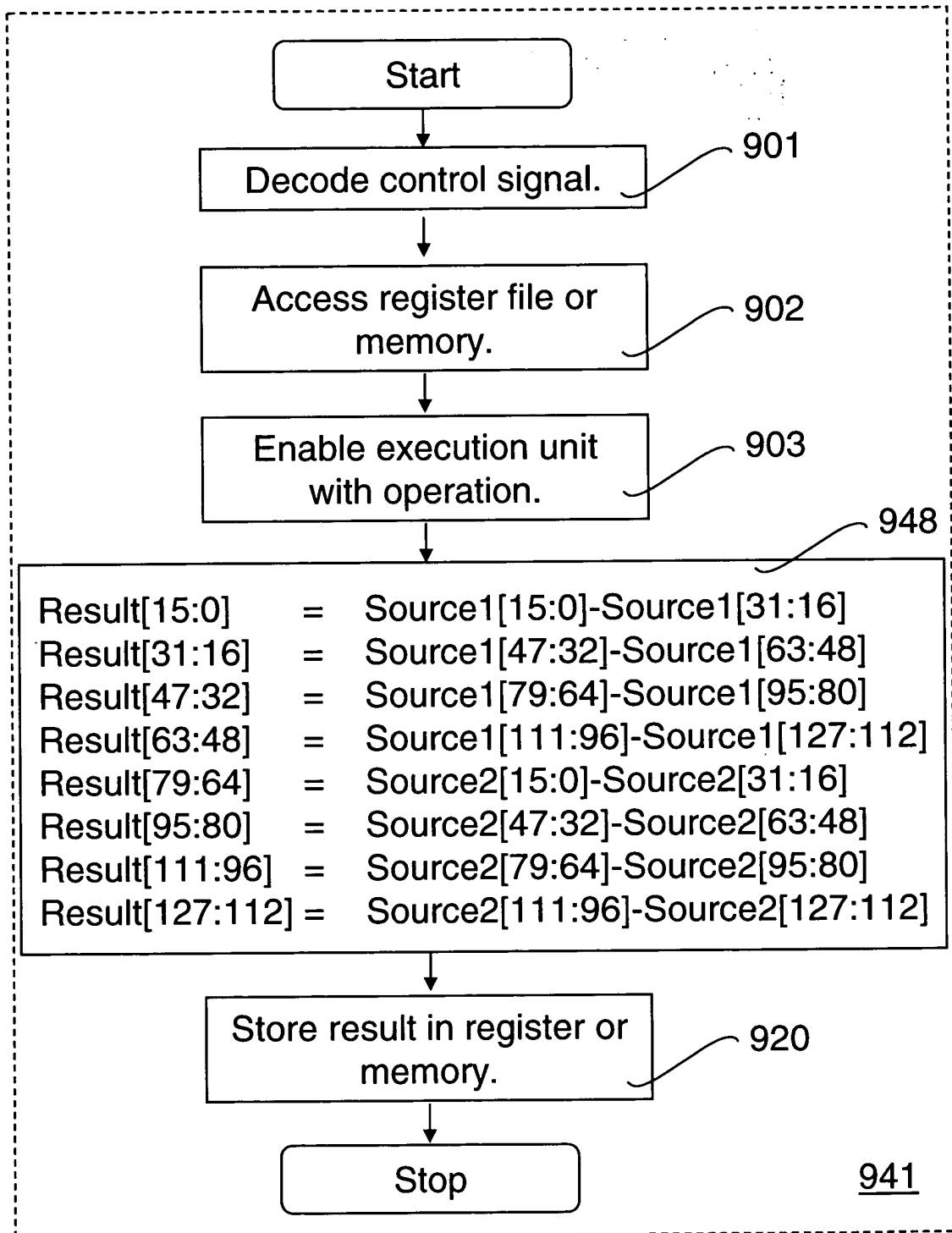


FIG. 9d

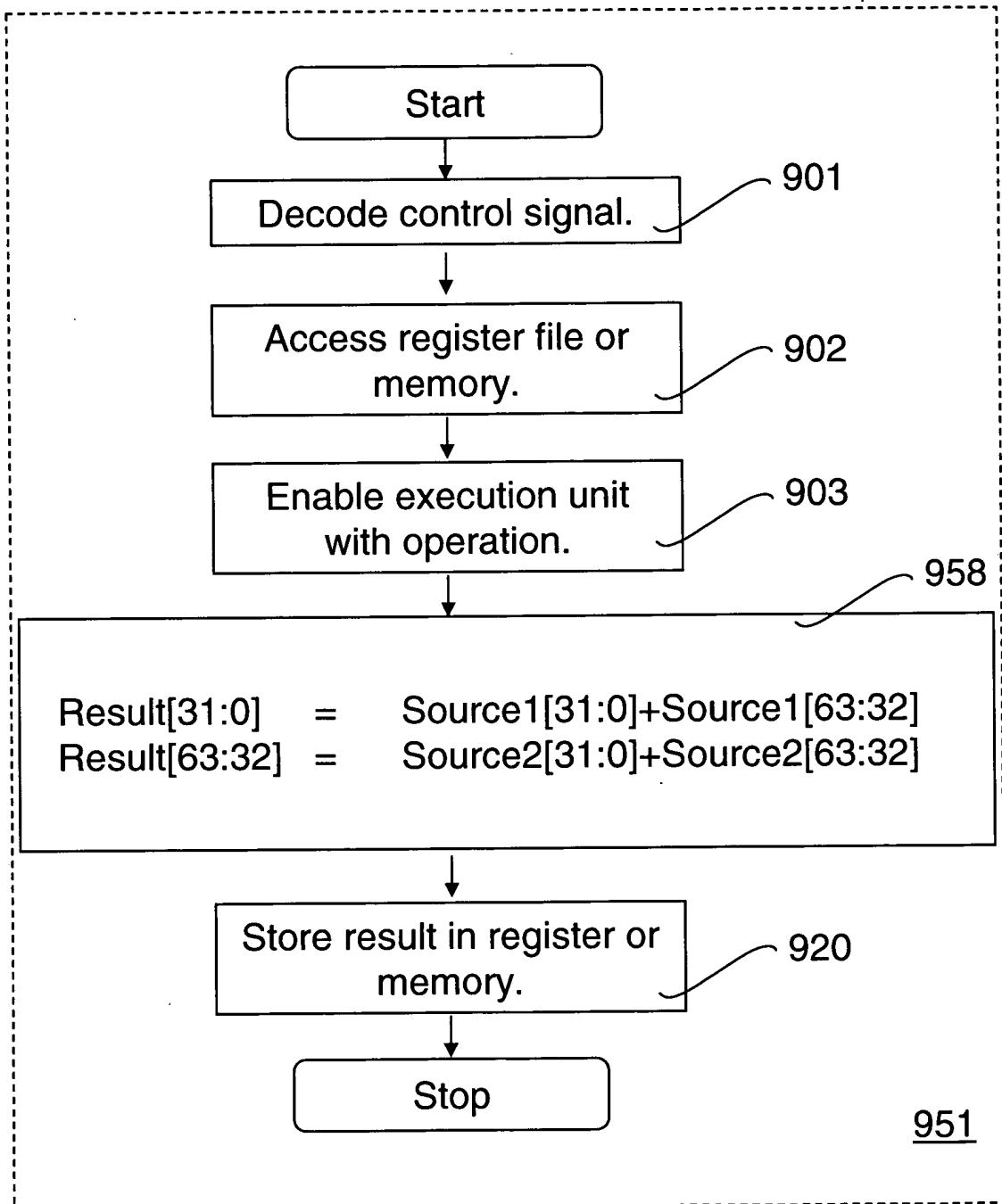


FIG. 9e

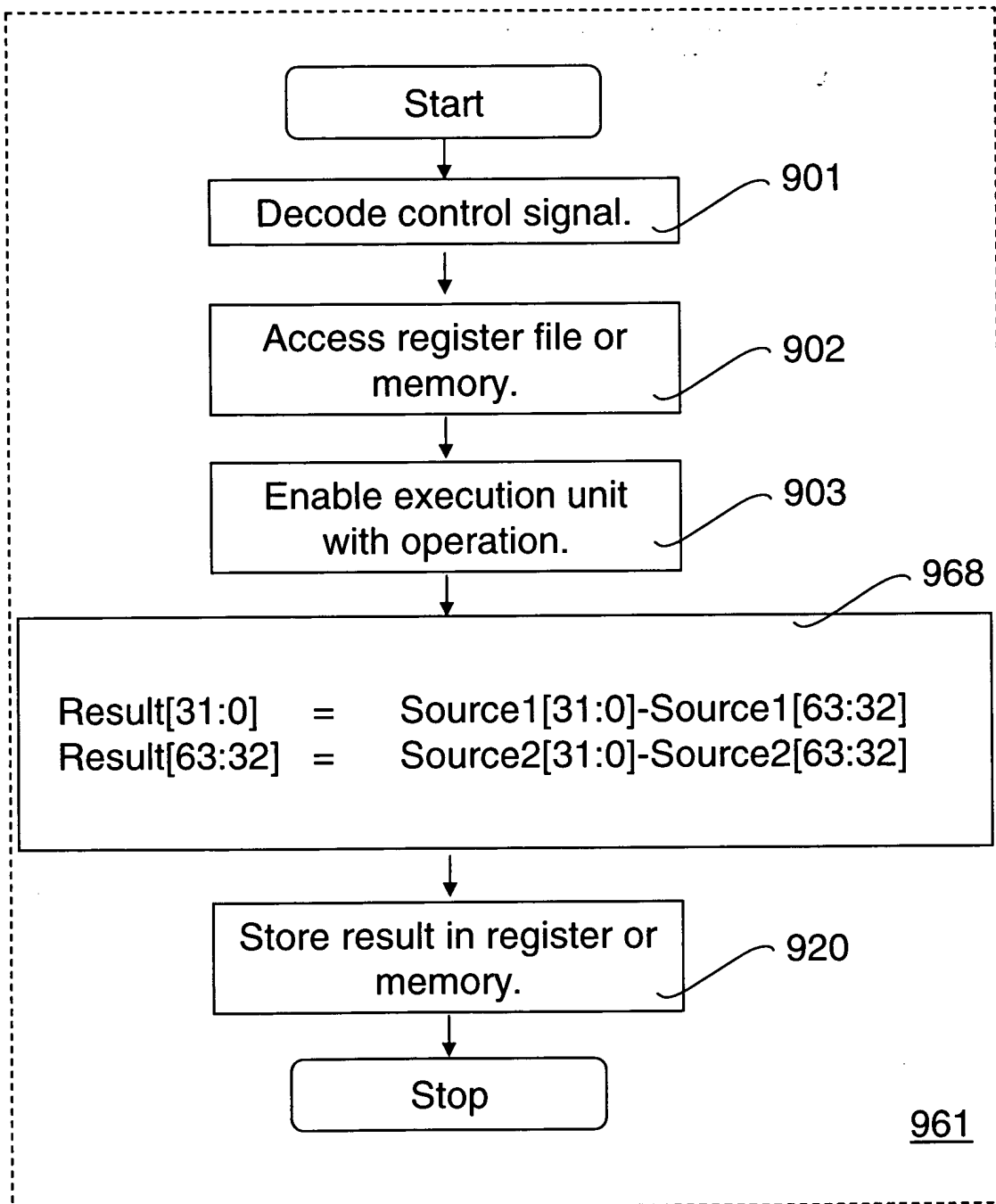


FIG. 9f

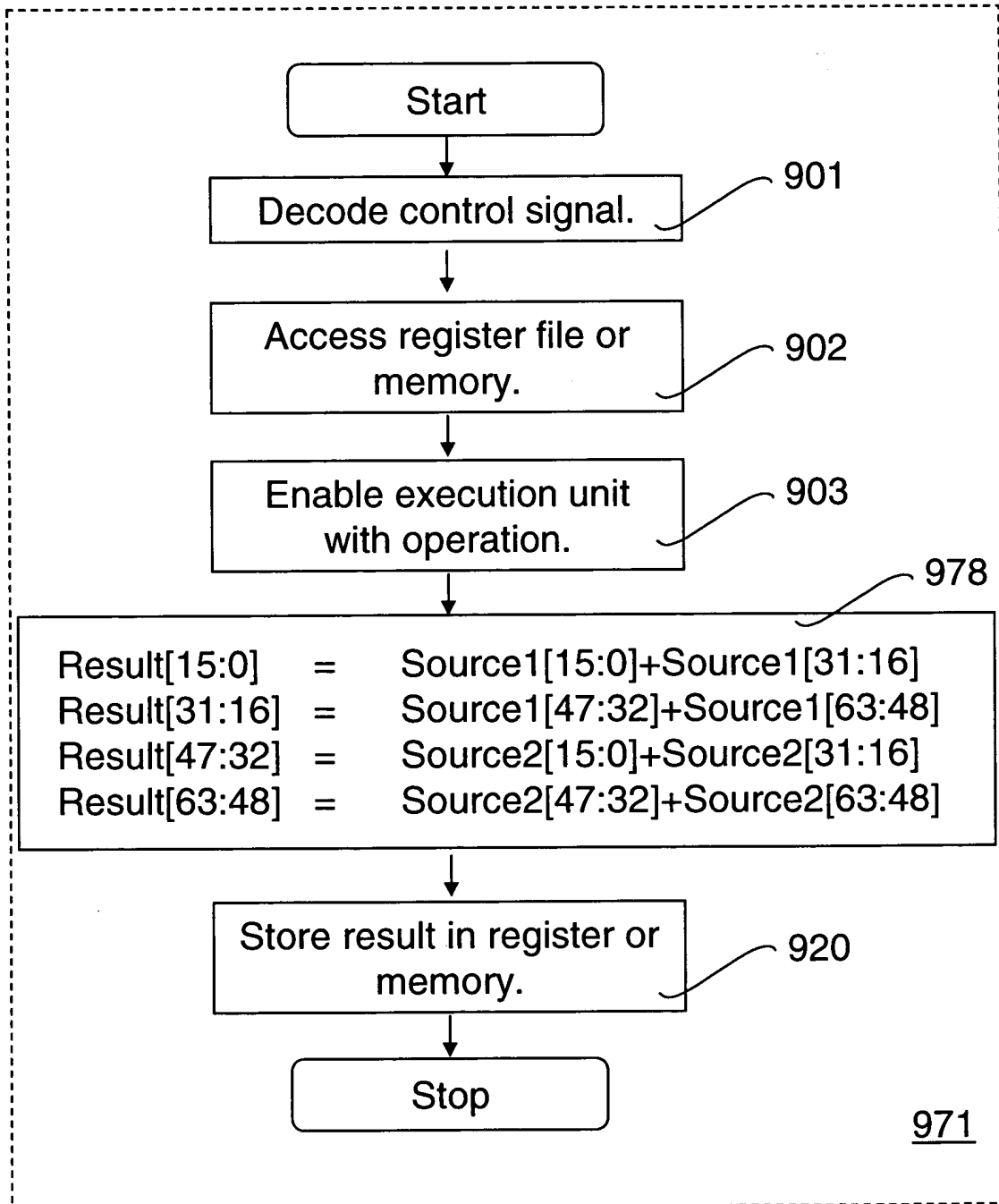


FIG. 9g

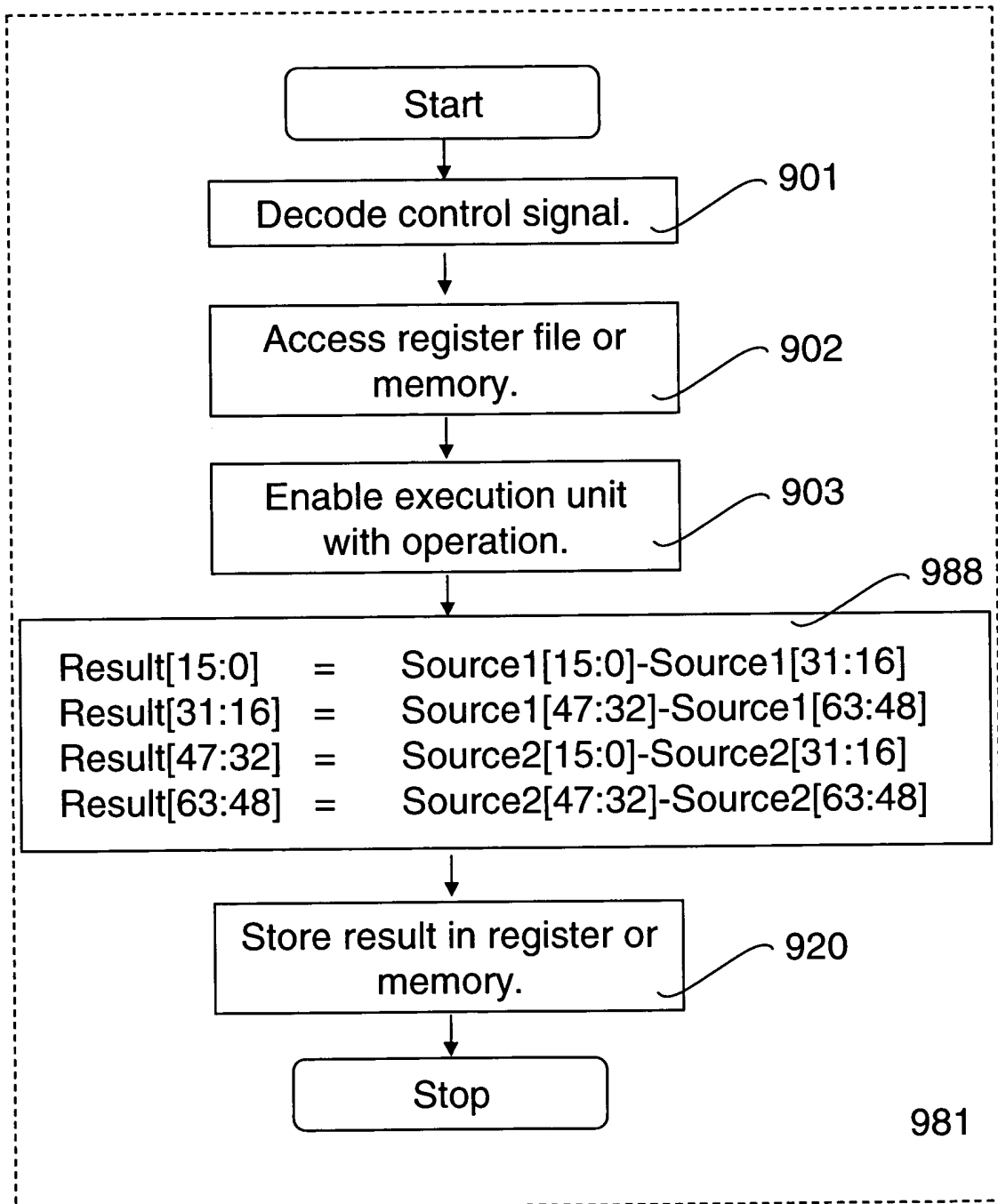


FIG. 9h

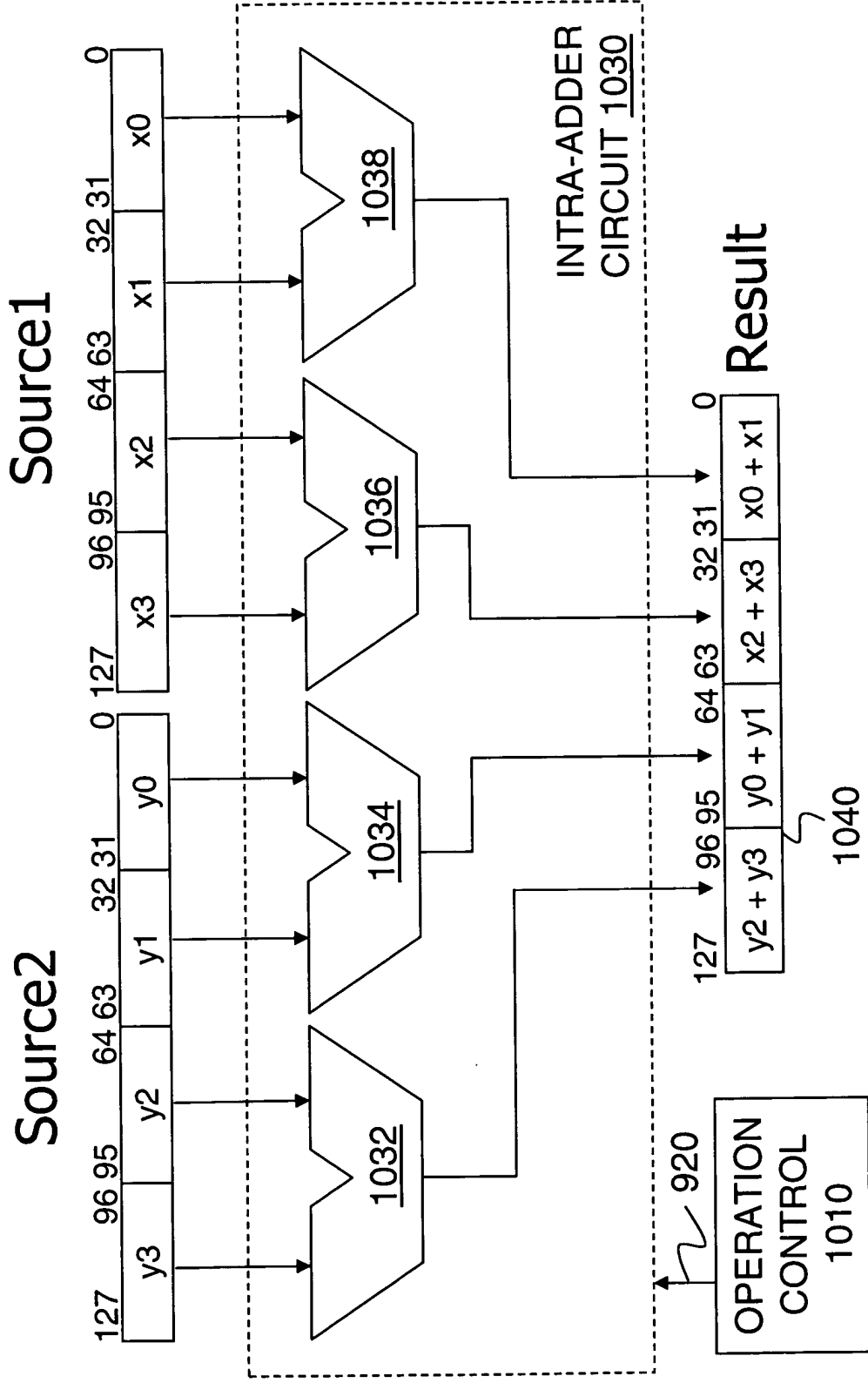


FIG. 10a

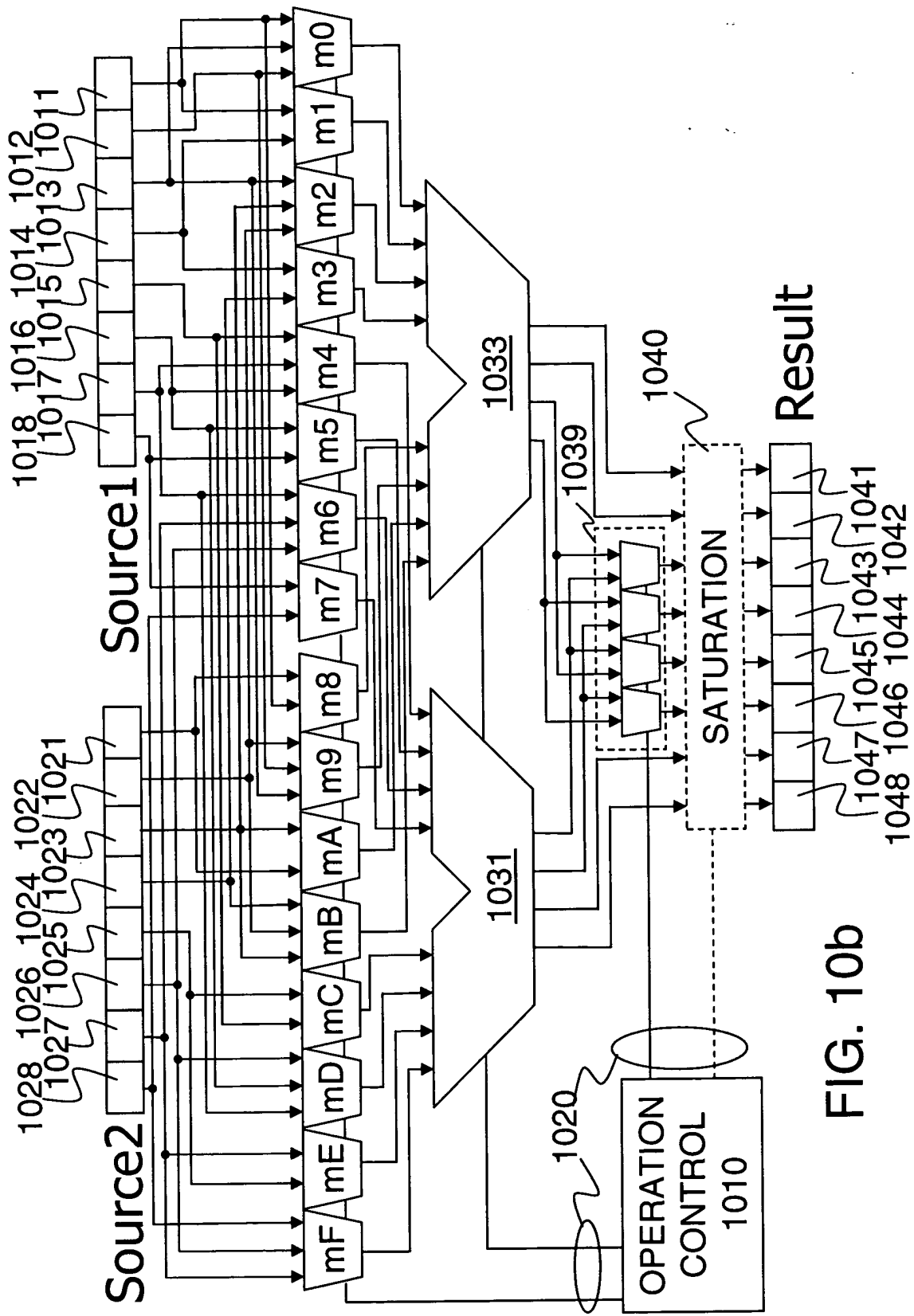
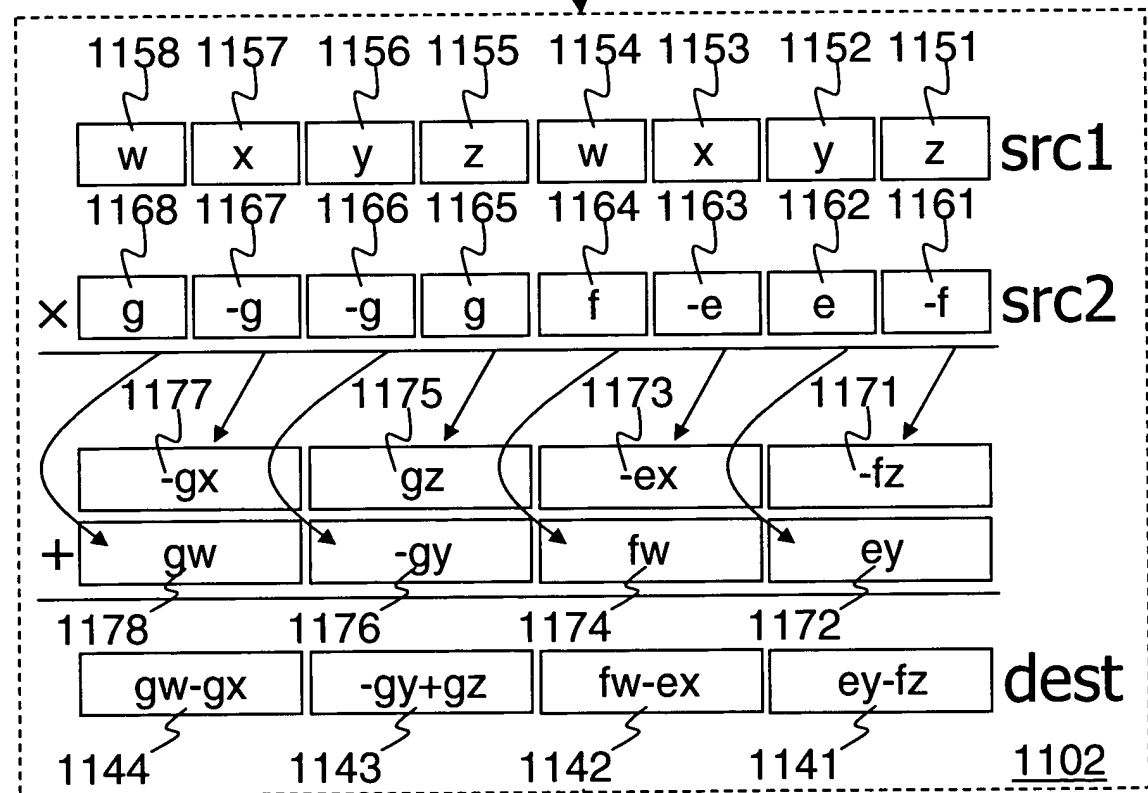
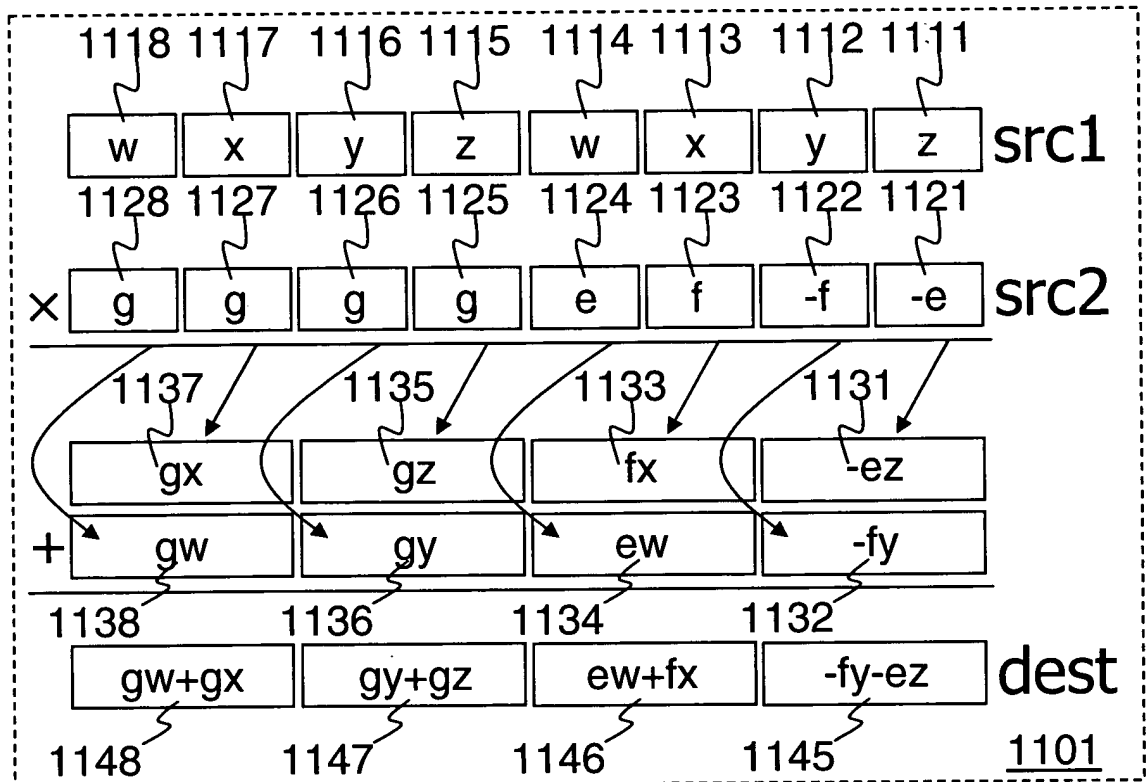


FIG. 10b



To 1103

FIG. 11a

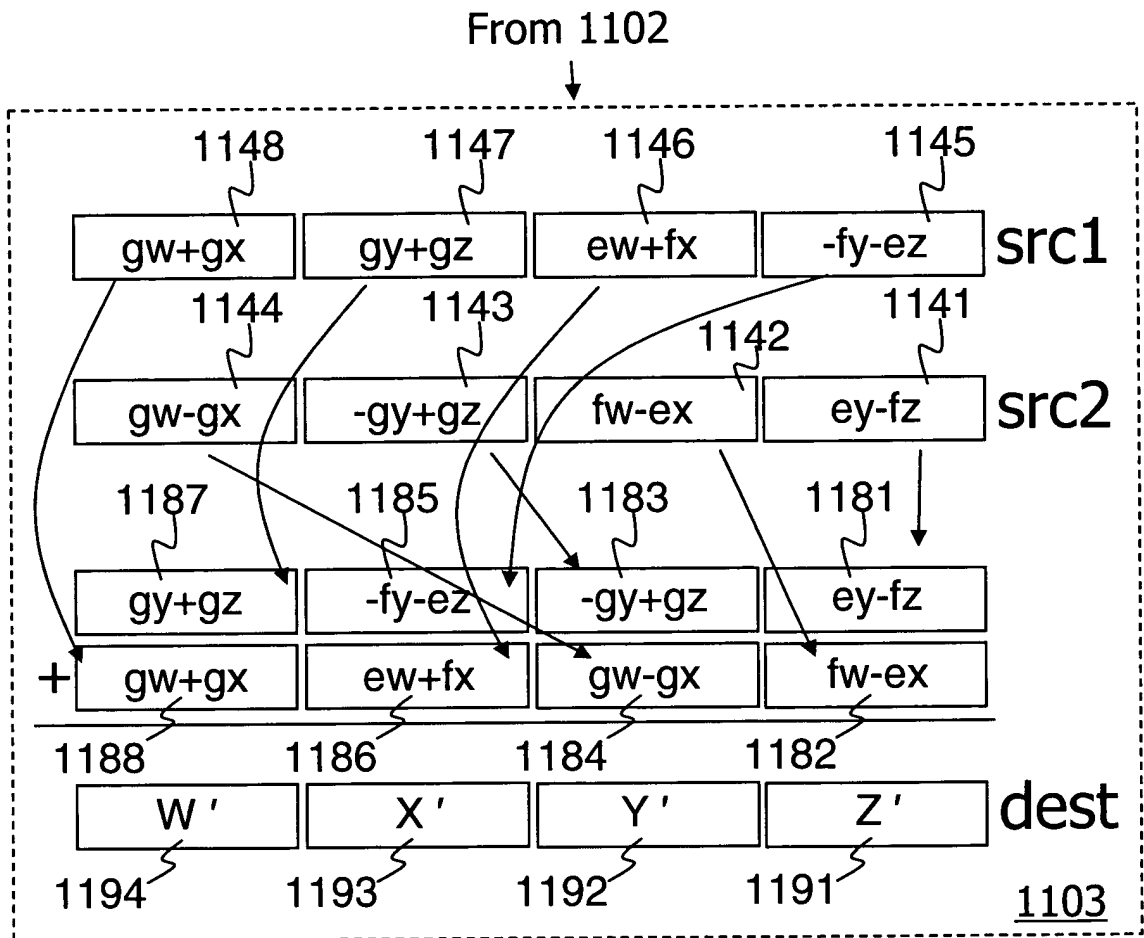


FIG. 11b

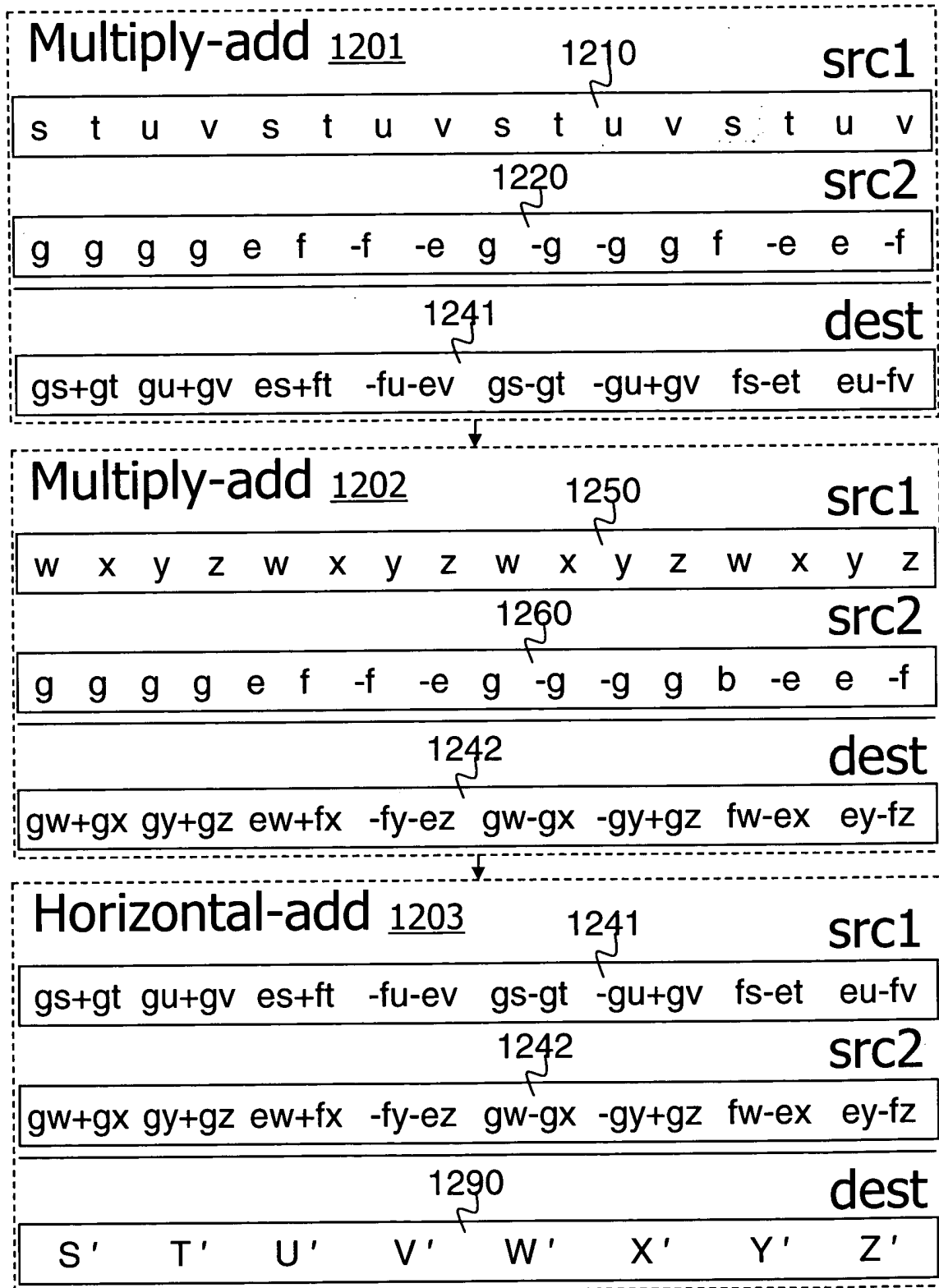
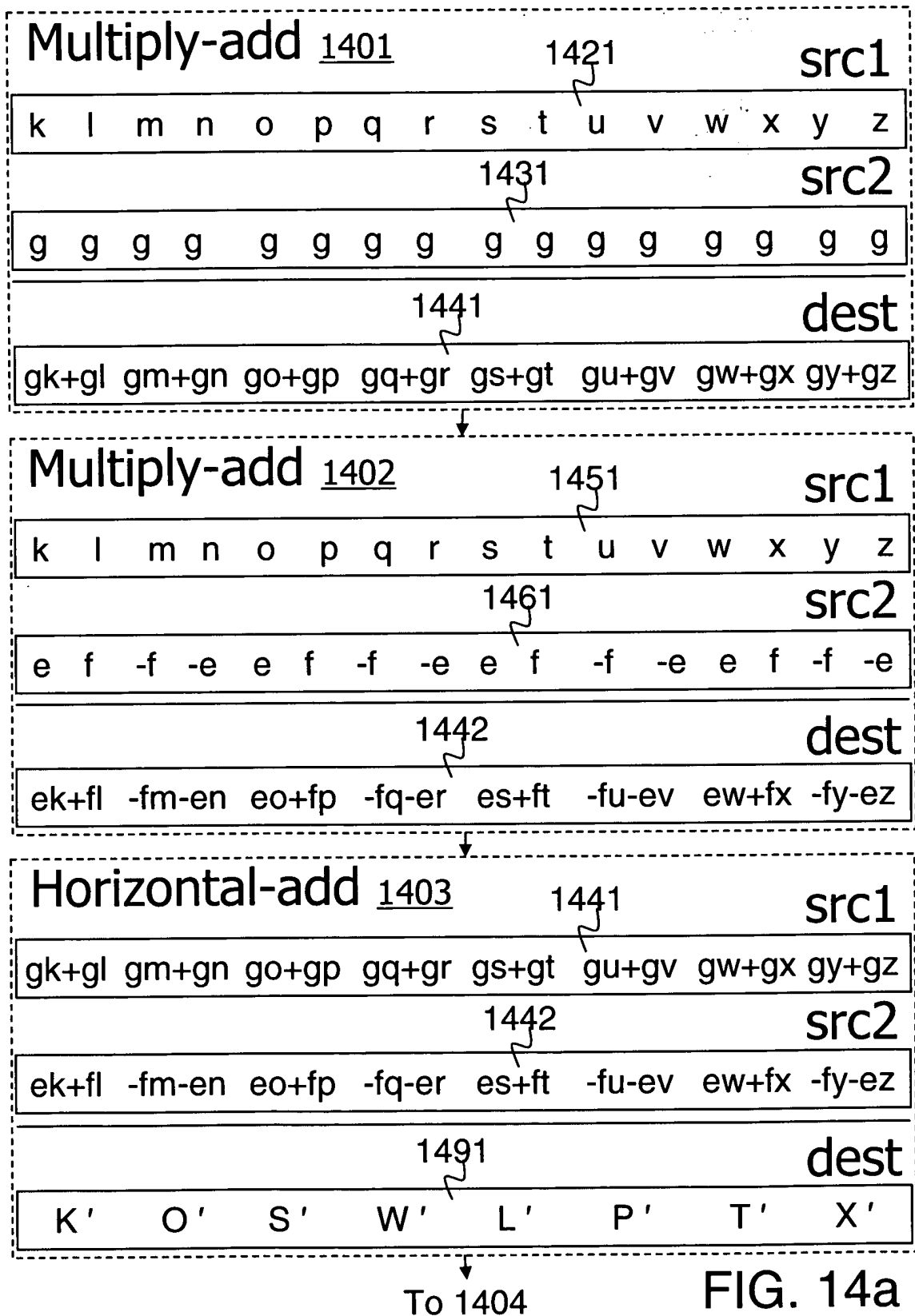
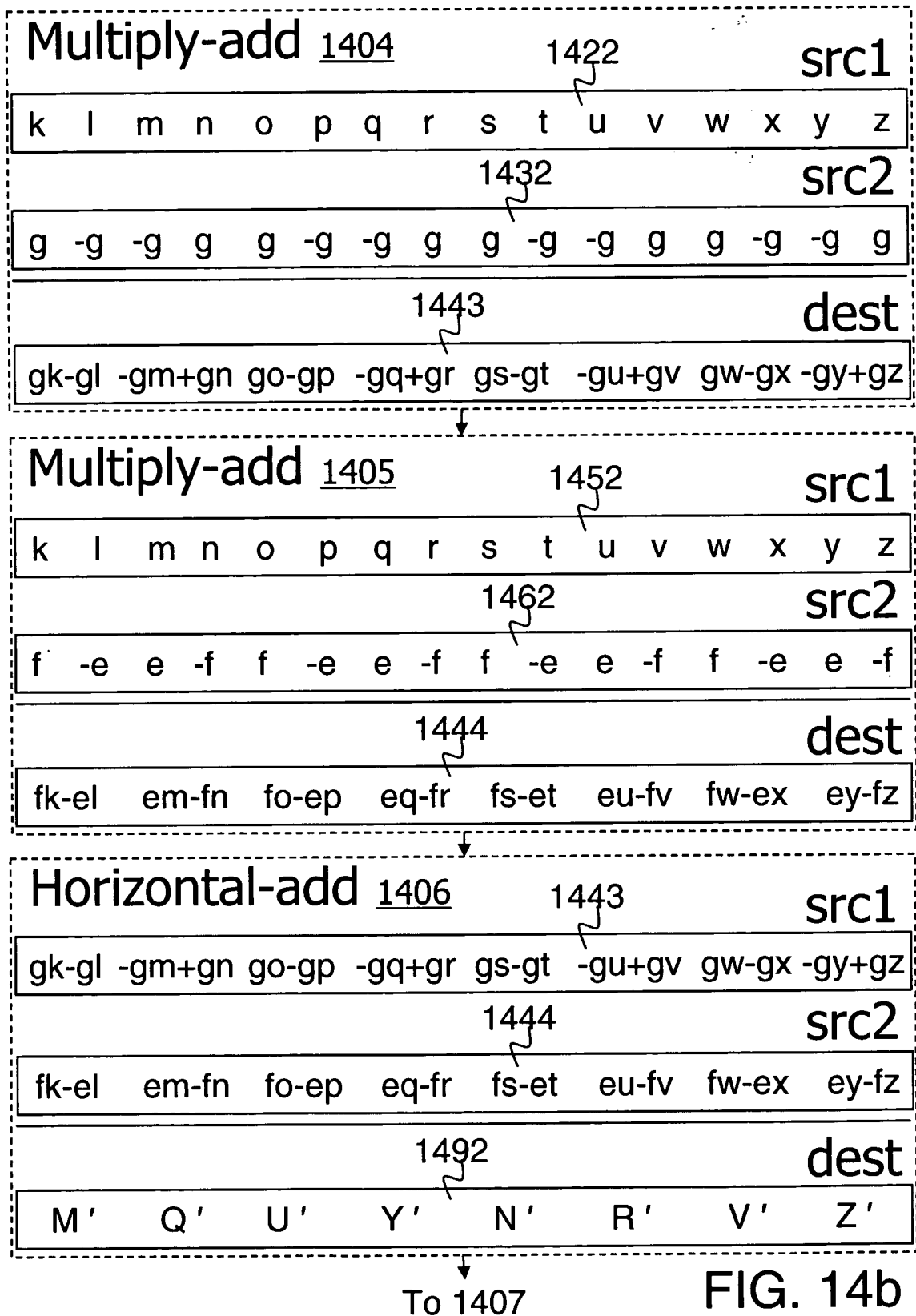


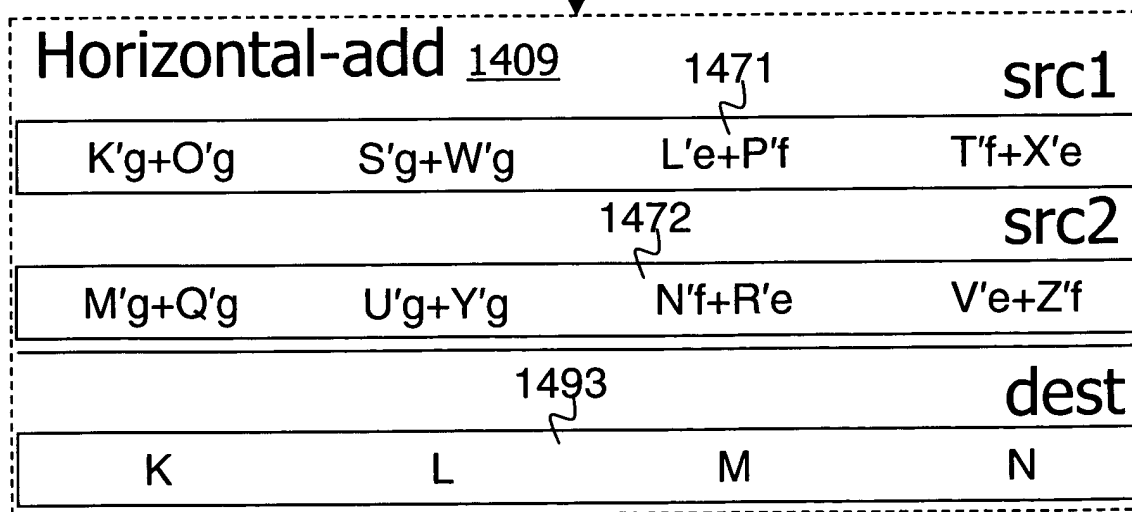
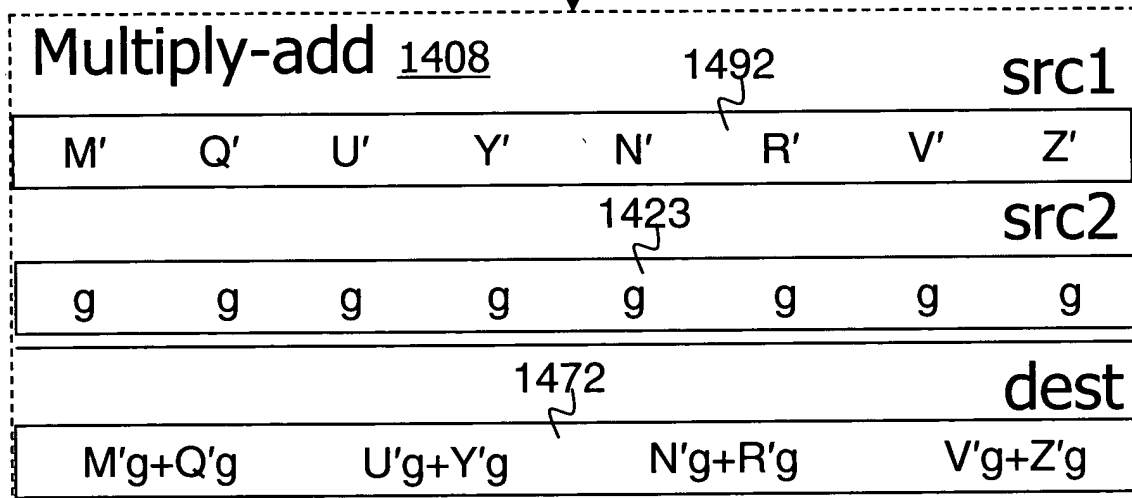
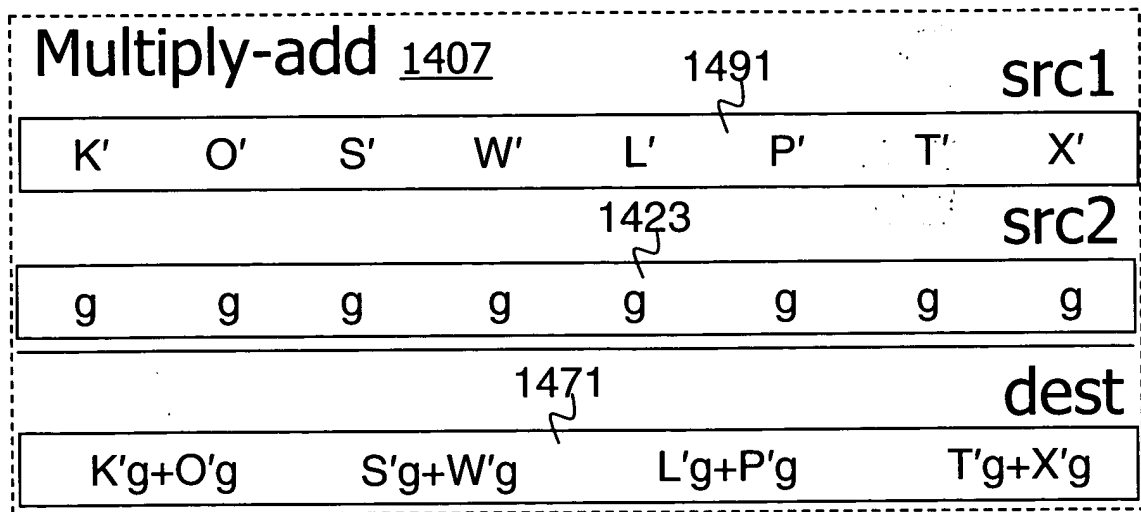
FIG. 12

$$\begin{aligned}
& \begin{bmatrix} g & g & g & g \\ e & f & -f & -e \\ g & -g & -g & g \\ f & -e & e & -f \end{bmatrix} \begin{bmatrix} k & l & m & n \\ o & p & q & r \\ s & t & u & v \\ w & x & y & z \end{bmatrix} \begin{bmatrix} g & e & g & f \\ g & f & -g & -e \\ g & -f & -g & e \\ g & -e & g & -f \end{bmatrix} \\
& = \begin{bmatrix} g & g & g & g \\ e & f & -f & -e \\ g & -g & -g & g \\ f & -e & e & -f \end{bmatrix} \begin{bmatrix} K' & L' & M' & N' \\ O' & P' & Q' & R' \\ S' & T' & U' & V' \\ W' & X' & Y' & Z' \end{bmatrix} \quad \begin{matrix} 1310 \\ 1320 \end{matrix} \\
& = \begin{bmatrix} K & L & M & N \\ O & P & Q & R \\ S & T & U & V \\ W & X & Y & Z \end{bmatrix} \quad \begin{matrix} 1321 & 1330 \\ 1340 \\ 1350 \end{matrix} \\
& \begin{aligned}
& K' = kg + lg + mg + ng & S' = sg + tg + ug + vg \\
& L' = ke + lf - mf - ne & T' = se + tf - uf - ve \\
& M' = kg - lg - mg + ng & U' = sg - tg - ug + vg \\
& N' = kf - le + me - nf & V' = sf - te + ue - vf \\
& O' = og + pg + qg + rg & W' = wg + xg + yg + zg \\
& P' = oe + pf - qf - re & X' = we + xf - yf - ze \\
& Q' = og - pg - qg + rg & Y' = wg - xg - yg + zg \\
& R' = of - pe + qe - rf & Z' = wf - xe + ye - zf
\end{aligned}
\end{aligned}$$

FIG. 13

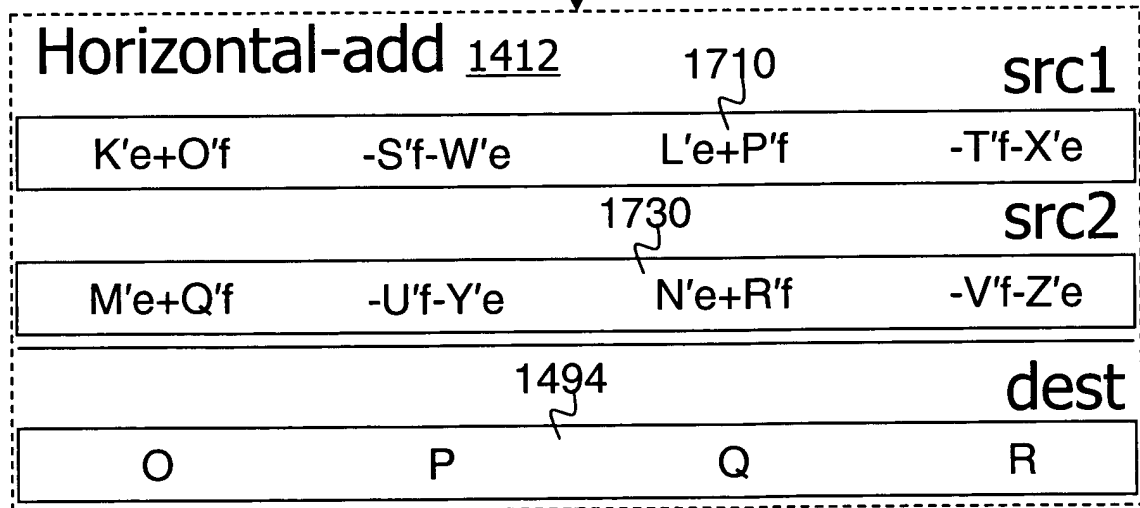
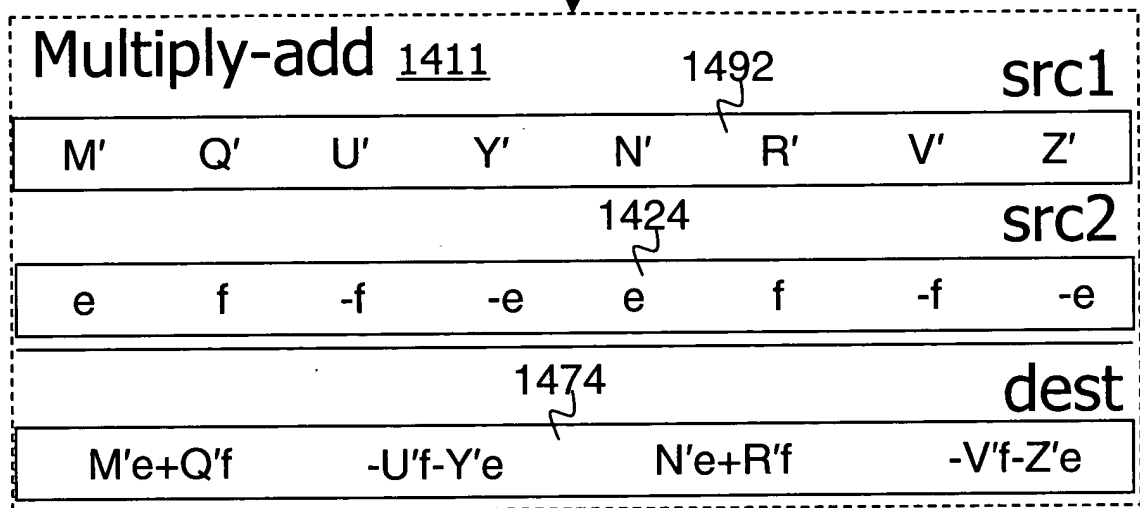
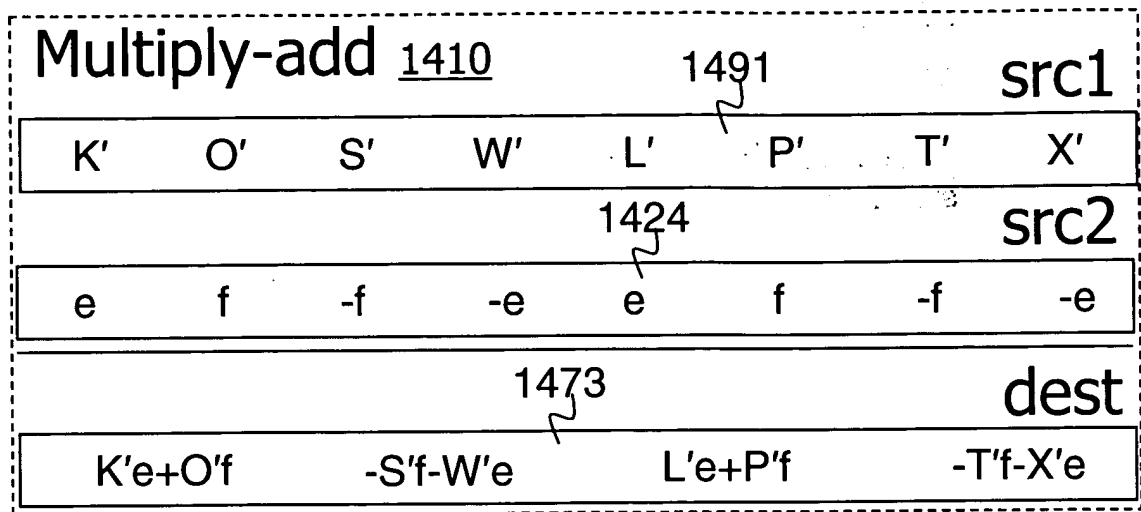






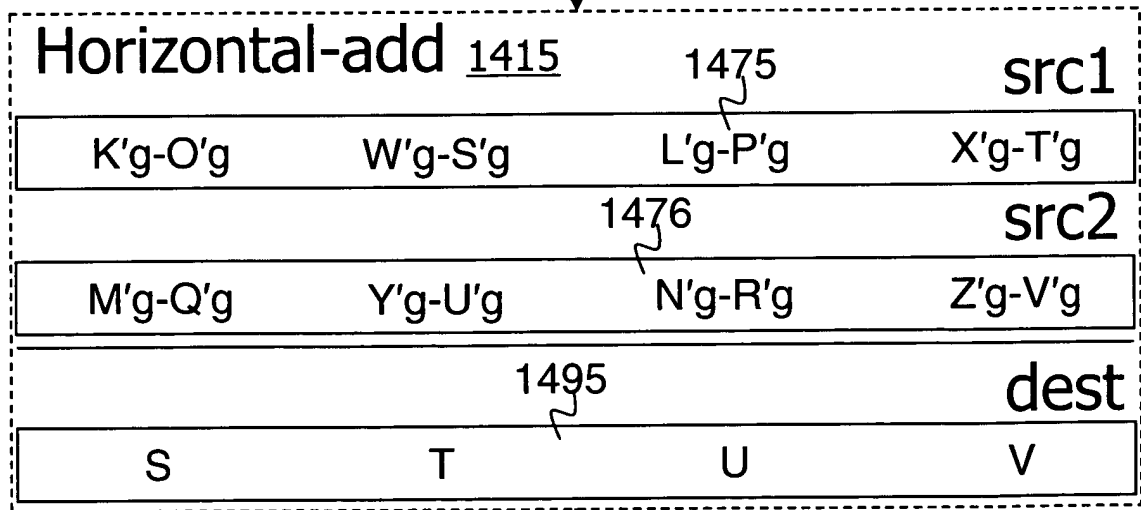
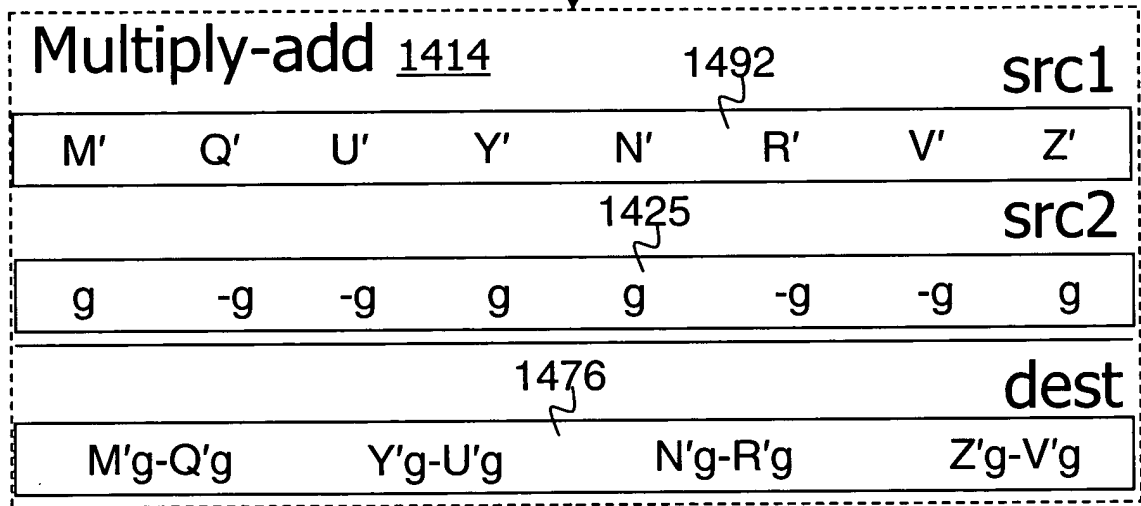
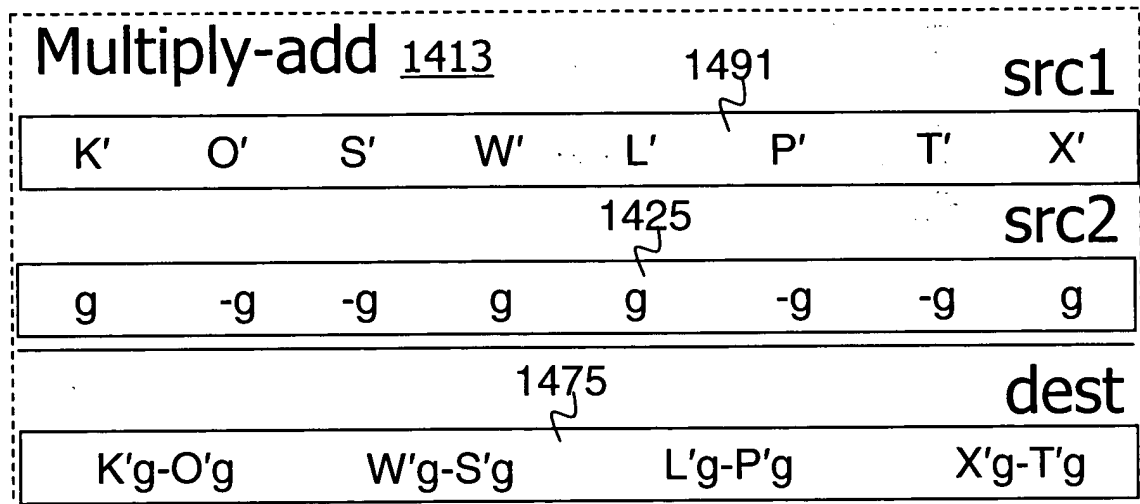
To 1410

FIG. 14c



To 1413

FIG. 14d



To 1416

FIG. 14e

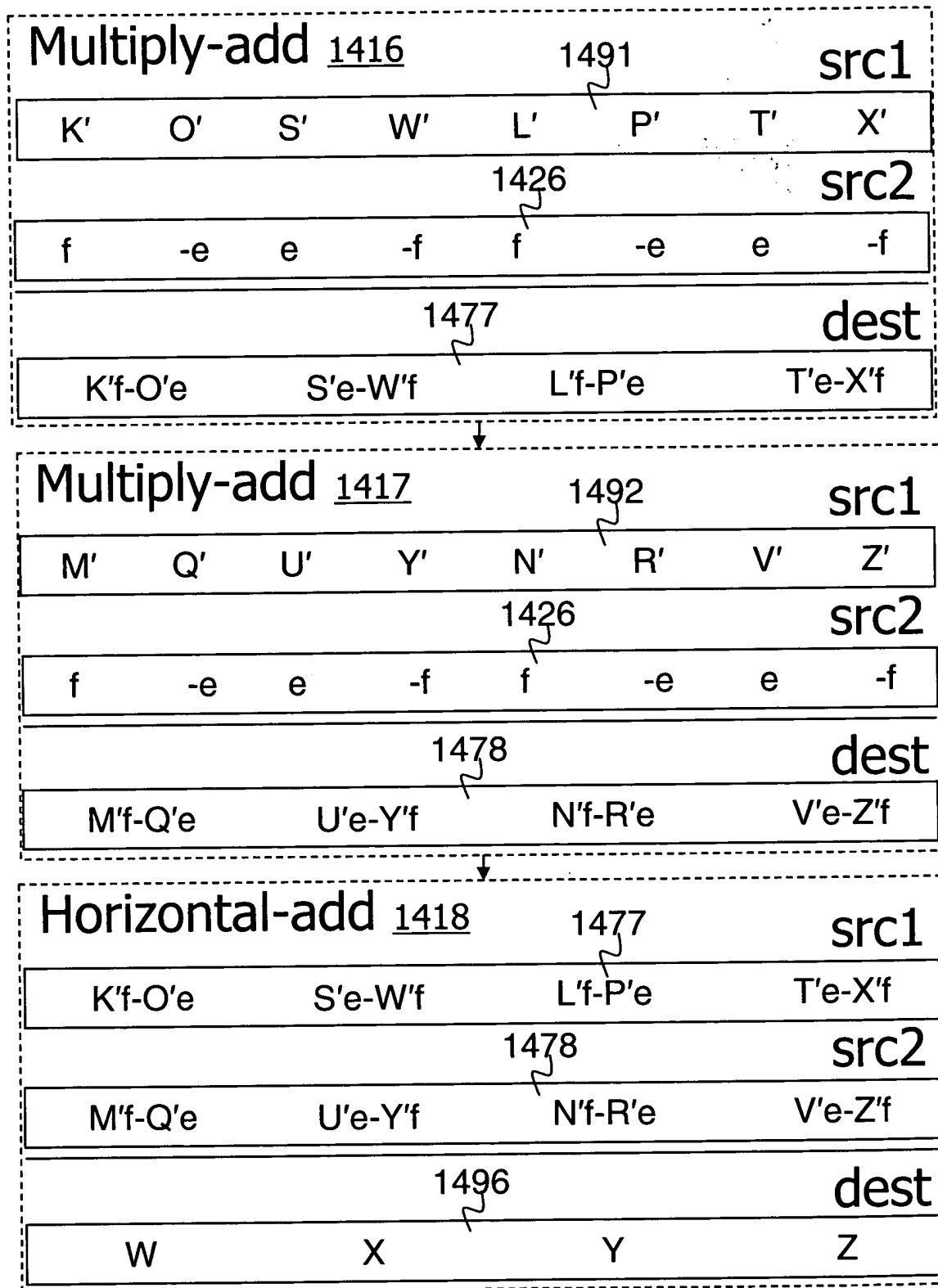


FIG. 14f

FIG. 15a

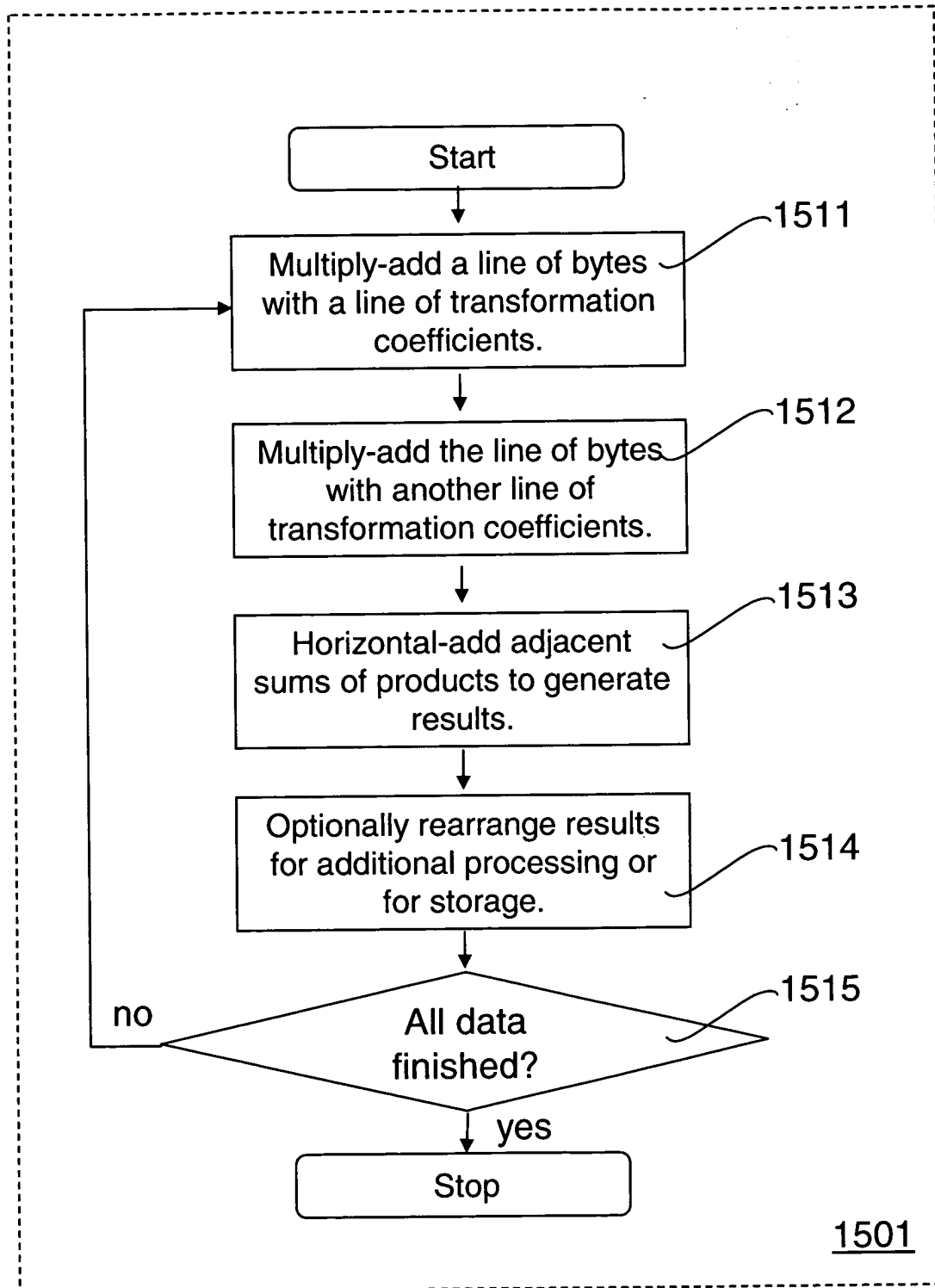


FIG. 15b

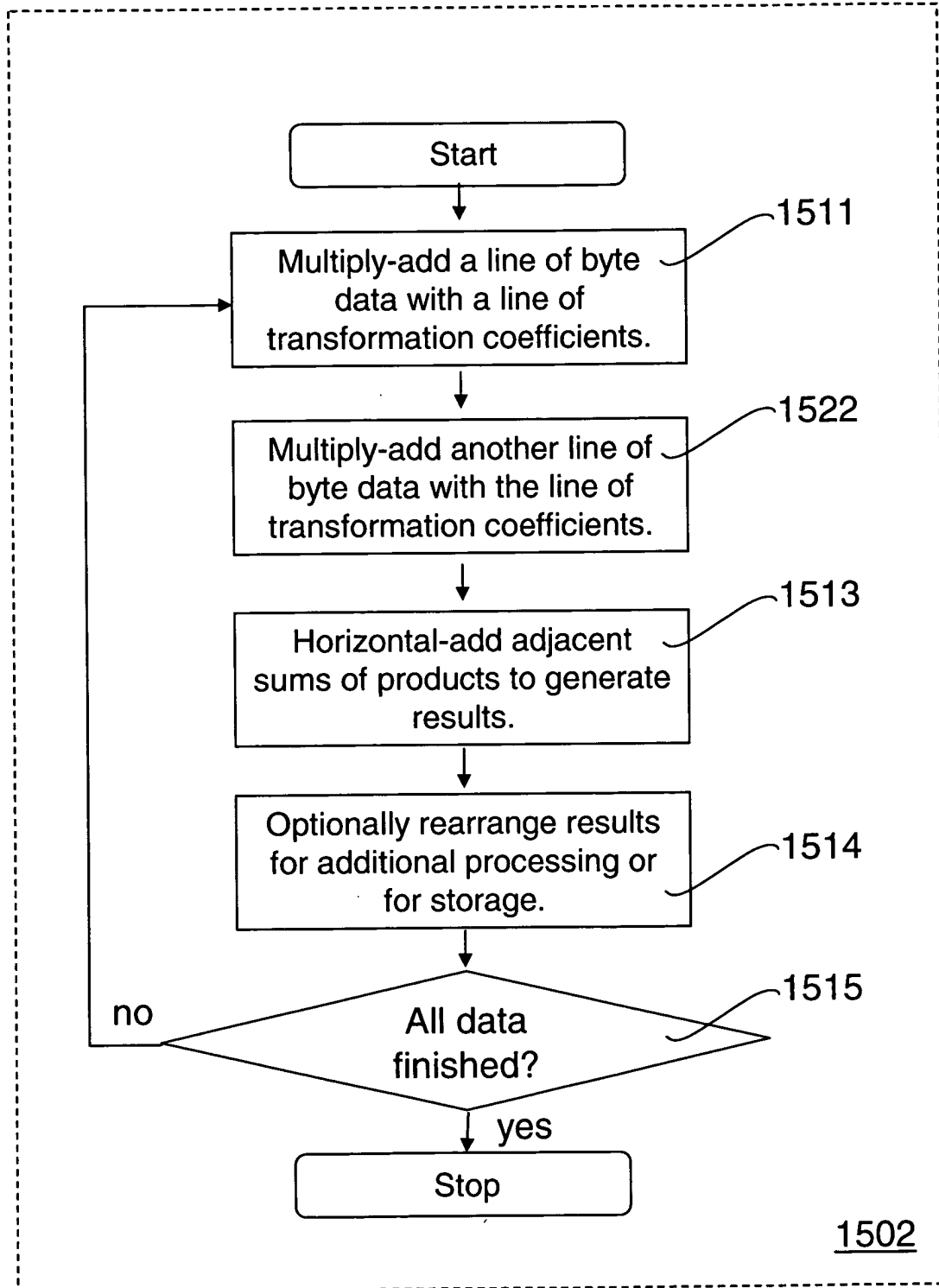


FIG. 15c

